

APPENDIX H: ACCEPTED ECOTOX Data Table (sorted by effect)

The code list for ECOTOX can be found at: <http://cfpub.epa.gov/ecotox/blackbox/help/codelist.pdf>

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
(+)-cis-Permethrin	Mus	musculus	House mouse	ACC	ACC	RSDE	LOAEL		42	d	34.72		ppm	99.2	99535
Permethrin	Pimephales	promelas	Fathead minnow	ACC	ACC	RSDE	BCF		~30	d	0.00011		mg/L	92	10503
Permethrin	Pimephales	promelas	Fathead minnow	ACC	ACC	RSDE	BCF		~30	d	0.00018		mg/L	92	10503
Permethrin	Pimephales	promelas	Fathead minnow	ACC	ACC	RSDE	BCF		~30	d	0.00033		mg/L	92	10503
Permethrin	Pimephales	promelas	Fathead minnow	ACC	ACC	RSDE	BCF		~30	d	0.00066		mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	ACC	ACC	RSDE	BCF		28	d	0.00003		mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	ACC	ACC	RSDE	BCF		28	d	0.00004		mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	ACC	ACC	RSDE	BCF		28	d	0.00012		mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	ACC	ACC	RSDE	BCF		28	d	0.00022		mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	ACC	ACC	RSDE	BCF		28	d	0.00033		mg/L	92	10503
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000073		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000075		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000076		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000082		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOEC		1	d	0.000088		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000084		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000087		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000078		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000101		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000099		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOEC		1	d	0.000101		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOEC		1	d	0.000097		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000091		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000096		mg/L	99.3	99602
Permethrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOEC		1	d	0.000096		mg/L	99.3	99602
Permethrin	Bos	taurus	Domesticated cattle	ACC	ACC	RSDE	LOAEL		14	d	200000		ppm	100	93043
Permethrin	Bos	taurus	Domesticated cattle	ACC	ACC	RSDE	LOAEL		14	d	200000		ppm	100	93043
(+)-trans-Permethrin	Lemna	minor	Duckweed	ACC	ACC	GACC	BCF		4 TO 5	d	0.000313 TO 0.0597		mg/L	100	10160
(+)-trans-Permethrin	Lemna	minor	Duckweed	ACC	ACC	GACC	BCF		4 TO 5	d	0.000313 TO 0.0597		mg/L	100	10160

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	ACC	ACC	RSDE	BCF		28	d	0.01		mg/L	100	10467
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	ACC	ACC	RSDE	BCF		28	d	0.0016		mg/L	100	10467
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	ACC	ACC	RSDE	BCF		28	d	0.0024		mg/L	100	10467
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	ACC	ACC	RSDE	BCF		28	d	0.0056		mg/L	100	10467
Permethrin	Pteronarcys	dorsata	Stonefly	ACC	ACC	GACC	BCF		28	d	0.000029 TO 0.00043		mg/L	100	15180
Permethrin	Linepithema	humile	Argentine ant	BEH	AVO	CHEM	LOAEL		4.17E-02	d	122		AI mg/m2	100	99749
Permethrin	Linepithema	humile	Argentine ant	BEH	AVO	CHEM	LOAEL		4.17E-02	d	18		AI mg/m2	25	99749
Permethrin	Apis	mellifera	Honey bee	BEH	AVO	CHEM	NOAEL		1	d	0.011		AI mg/cm2	100	79189
Permethrin	Vigna	radiata	Mungbean	BCM	BCM	CHLO	LOAEL		15	d	0.1246		lb/acre	100	93383
Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	LOAEL		15	d	200		mg/kg	99	92615
Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	LOAEL		15	d	200		mg/kg	99	92615
(+)-cis-Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	LOAEL		15	d	100		mg/kg	99	92615
(+)-trans-Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	LOAEL		15	d	100		mg/kg	94	92615
Permethrin	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL		NA	hv	0.2		AI lb/acre	100	88952
Permethrin	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL		NA	hv	0.2		AI lb/acre	100	88952
Permethrin	Medicago	sativa	Alfalfa	BCM	BCM	PRCO	NOAEL		NA	hv	0.2		AI lb/acre	100	88952
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	BCM	BCM	MLDH	LOAEL		4	d	0.000025		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	BCM	BCM	MLDH	LOAEL		4	d	0.000015		mg/L	100	97339
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	TYMD	LOAEL		3	d	589		mg/kg bdwt	95	51152
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	GLUC	NOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	UREA	LOAEL		30	d	80		ppm	100	100123
Permethrin	Chironomus	riparius	Midge	BCM	BCM	PRCO	NOAEL		3	d	10		mg/L	100	68262
Permethrin	Chironomus	riparius	Midge	BCM	BCM	PRCO	NOAEL		3	d	10		mg/L	100	68262
Permethrin	Glycine	max	Soybean	BCM	BCM	ETHL	LOAEL		35	d	0.2225		lb/acre	100	72210
Permethrin	Rana	cyanophlyctis	Skipping frog	BCM	BCM	PRTL	LOAEL		1	d	0.0625		mg/L	25	100130
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	ASPA	LOAEL		0.2083333	d	90		mg/kg bdwt	97.8	99911

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	CHOL	NOAEL	LOAEL	180	d	86.6757	172.605	ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	CHOL	LOAEL		180	d	102.63		ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	GPRO	LOAEL		60	d	0.12168		mg/kg/d	93.6	99532
Permethrin	Mus	musculus	House mouse	BCM	BCM	PRCO	NOAEL		5	d	200		ppm	100	74880
Permethrin	Mus	musculus	House mouse	BCM	BCM	PRCO	LOAEL		5	d	100		ppm	100	74880
Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	NOAEL		84	d	1.5		mg/kg	100	99538
Permethrin	Mus	musculus	House mouse	BCM	BCM	ASYC	NOAEL		168	d	1.5		mg/kg	100	99538
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	PRSH	NOAEL		3	d	96		ppm	96	76653
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	MUCR	LOAEL		45	d	0.13		mg/kg/d	>=93.6	99653
Permethrin	Apis	mellifera	Honey bee	BCM	BCM	NCON	NOAEL		70	d	0.017		ppm	100	95956
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	HVLA	LOAEL		7	d	34.05		mg/kg bdwt	94	99536
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	ANPY	LOAEL		4	d	95		mg/kg/d	100	99853
Permethrin	Coturnix	coturnix	Quail	BCM	BCM	MCPR	NOAEL		7	d	1860		ppm	93	38526
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	GLYC	NOAEL	LOAEL	10	d	1500	2000	ppm	100	91695
Permethrin	Lolium	perenne	Perennial ryegrass	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	BCM	BCM	RSUG	NOAEL		<=1	gs	0.1246		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	BCM	BCM	RSUG	NOAEL		<=1	gs	0.1246		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	BCM	BCM	RSUG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Mus	musculus	House mouse	BCM	BCM	PRTL	LOAEL		14	d	0.8		mg/kg	100	92572
Permethrin	Mus	musculus	House mouse	BCM	BCM	DOPC	NOAEL		14	d	200		mg/kg	100	97332
Permethrin	Gallus	domesticus	Domestic Chicken	BCM	BCM	VITA	LOAEL		6	d	10		mg/kg bdwt	99	76887
Permethrin	Rattus	norvegicus	Norway rat	BCM	BCM	HMCT	NOAEL		28	d	123.4374		mg/kg bdwt	98.2	50488
Permethrin	Mus	musculus	House mouse	BCM	BCM	DATP	NOAEL		14	d	200		mg/kg	100	97325
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	LOAEL		0.125	d	60		mg/kg bdwt	100	76654

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	LOAEL	NOAEL	0.125	d	20	10	mg/kg bdwt	100	76654
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	BEH	BEH	SWIM	NOAEL	LOAEL	4	d	0.0032	0.0064	mg/L	100	97339
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	DTCH	LOAEL		30	d	0.13		mg/kg/d	93.6	89117
Permethrin	Solenopsis	invicta	Red imported fire ant	BEH	BEH	ACTV	LOAEL		28	d	0.25		AI %	36.8	100277
(+)-cis-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	0.792(0.099 TO 0.99)		ng/org	>99	72810
(+)-cis-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	5.742(4.554 TO 6.93)		ng/org	>99	72810
(+)-cis-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	16.632(11.484 TO 24.057)		ng/org	>99	72810
(+)-cis-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	4.356(3.267 TO 5.544)		ng/org	>99	72810
(+)-cis-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	57.222(45.936 TO 70.389)		ng/org	>99	72810
(+)-trans-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	144.837(110.187 TO 210.969)		ng/org	>99	72810
(+)-trans-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	106.722(60.291 TO 160.281)		ng/org	>99	72810
(+)-trans-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	2.277(1.98 TO 2.673)		ng/org	>99	72810
(+)-trans-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	142.56(111.87 TO 239.877)		ng/org	>99	72810
(+)-trans-Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	890.802(662.013 TO 1221.363)		ng/org	>99	72810
Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	0.792(0.594 TO 0.99)		ng/org	>99	72810
Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	11.088(8.217 TO 13.167)		ng/org	>99	72810
Permethrin	Triatoma	infestans	Kissing Bug	BEH	BEH	MOTL	ED50		1	d	47.025(32.67 TO 73.359)		ng/org	>99	72810
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Apis	mellifera	Honey bee	BEH	BEH	WALK	LOAEL		>=1	d	0.001		ug	95	36273

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	LOAEL		0.2083333	d	45		mg/kg bdwt	97.8	99911
Permethrin	Apis	mellifera	Honey bee	BEH	BEH	ACTP	LOAEL		0.25	d	15		ppm	100	99844
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	HMVT	NOAEL	LOAEL	2.08E-02	d	30	60	mg/kg	100	99748
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	HMVT	NOAEL		2.08E-02	d	60		mg/kg	100	99748
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	HMVT	NOAEL		7	d	60		mg/kg	100	99747
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	HMVT	NOAEL		7	d	60		mg/kg	100	99747
Permethrin	Solenopsis	invicta	Red imported fire ant	BEH	BEH	ACTV	LOAEL		4.17E-02	d	0.01		%	40	99808
Permethrin	Solenopsis	invicta	Red imported fire ant	BEH	BEH	DIGG	LOAEL		1	d	0.0244		ppm	97.6	99827
Permethrin	Solenopsis	invicta	Red imported fire ant	BEH	BEH	DIGG	LOAEL		1	d	2.44		ppm	97.6	99827
(+)-cis-Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	LOAEL		0.0625	d	30		ppm	99	76634
(+)-cis-Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	NOAEL	LOAEL	0.125	d	60	90	ppm	99	76634
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	GPST	LOAEL		30	d	0.013		mg/kg	93.6	99654
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	ACTP	LOAEL		14	d	30		mg/kg	100	99914
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	GPST	LOAEL		30	d	0.13		mg/kg/d	>=93.6	99653
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	LOCO	LOAEL		7	d	34.05		mg/kg bdwt	94	99536
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	ACTP	NOAEL	LOAEL	0.0625	d	200	300	mg/kg bdwt	100	99904
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	ACTP	ED50		0.0625	d	350		mg/kg bdwt	100	99904
Permethrin	Apis	mellifera	Honey bee	BEH	BEH	ACTP	LOAEL		1	d	0.06		mg/eu	100	92559
Permethrin	Steinernema	carpocapsae	Nematode	BEH	BEH	PNPY	NOAEL		2	d	400		ug/ml	100	87845
Permethrin	Steinernema	carpocapsae	Nematode	BEH	BEH	GBHV	LOAEL		1	d	50		ug/ml	100	87845
Permethrin	Steinernema	carpocapsae	Nematode	BEH	BEH	GBHV	NOAEL		4	d	200		ug/ml	100	87845
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	NMVM	ED30		0.0625	d	39.2472(32.752 TO 45.724)		mg/kg bdwt	92	83149
Permethrin	Rattus	norvegicus	Norway rat	BEH	BEH	NMVM	NOEL		0.0625	d	15.6308(8.74 TO 22.5216)		mg/kg bdwt	92	83149
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	NOEC	LOEC	NR	ht	0.025	0.05	mg/L	100	68254

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	LOEC		7 d		0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	LOEC		8 d		0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	LOEC		8 d		0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	LOEC		8 d		0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	BEH	BEH	RSPT	LOEC		8 d		0.0967		mg/L	100	68254
Permethrin	Mus	musculus	House mouse	BEH	BEH	ACTV	NOAEL	LOAEL	0.1666667 d		3	30	mg/kg	100	94312
Permethrin	Mus	musculus	House mouse	BEH	BEH	ACTV	NOAEL	LOAEL	0.1666667 d		5	50	mg/kg	100	94312
Permethrin	Mus	musculus	House mouse	BEH	BEH	ACTV	NOAEL		14 d		200		mg/kg	100	92577
Permethrin	Mus	musculus	House mouse	BEH	BEH	ACTV	NOAEL		14 d		200		mg/kg	100	97332
Permethrin	Mus	musculus	House mouse	BEH	BEH	SWIM	NOAEL	LOAEL	~24 d		4.9	9.8	mg/kg/d	94	100119
Permethrin	Acropora	millepora	Coral	BEH	BEH	SWIM	NOAEL		0.75 d		0.03		mg/L	100	100575
Permethrin	Acropora	millepora	Coral	BEH	BEH	SWIM	NOAEL		0.75 d		0.001		mg/L	100	100575
Permethrin	Salvelinus	fontinalis	Brook trout	BEH	BEH	SWIM	NOEC		5 d		0.0016		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	BEH	BEH	SWIM	LOEC		5 d		0.0032		mg/L	>92	81394
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	FOCI	NOAEL		42 d		4000		ppm	100	75839
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	NRBC	LOAEL		3 d		589		mg/kg bdwt	95	51152
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL		364 d		2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL		364 d		2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	LOAEL		30 d		0.13		mg/kg/d	93.6	89117
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	LEUK	NOAEL		180 d		172.605		ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	LEUK	NOAEL	LOAEL	180 d		102.63	206.193	ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	LOAEL		60 d		0.12168		mg/kg/d	93.6	99532
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	FOCI	LOAEL		42 d		2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	FOCI	NOAEL		42 d		2000		ppm	100	76881
Permethrin	Mus	musculus	House mouse	CEL	CEL	CCHG	NOAEL		2 d		22.9		ul	91.6	99915
Permethrin	Mus	musculus	House mouse	CEL	CEL	CCHG	NOAEL		40 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	CEL	CEL	CCHG	NOAEL		23 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	CEL	CEL	CCHG	NOAEL		53 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	CEL	CEL	CCHG	NOAEL		60 d		4.58		ul/d	91.6	99916

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	MONO	LOAEL		7	d	34.05		mg/kg bdwt	94	99536
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	RBCE	NOAEL		28	d	123.732		mg/kg bdwt	98.2	78435
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	NOAEL	LOAEL	28	d	12.34374	49.37496	mg/kg bdwt	98.2	50488
Permethrin	Rattus	norvegicus	Norway rat	CEL	CEL	NCEL	NOAEL		28	d	123.4374		mg/kg bdwt	98.2	50488
Permethrin	Pimephales	promelas	Fathead minnow	GRO	DVP	NORM	NOEC		32	d	0.0014		mg/L	92	10503
Permethrin	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50		4	d	0.0594(0.0495 TO 0.0693)		mg/L	99	89641
Permethrin	Xenopus	laevis	African clawed frog	GRO	DVP	ABNM	EC50		4	d	0.0198(0.0099 TO 0.0198)		mg/L	99	89641
Permethrin	Diadegma	insulare	Parasitic Wasp	GRO	DVP	PUPA	LOAEL		3	d	1		ai mg/ml	100	73706
Permethrin	Diadegma	insulare	Parasitic Wasp	GRO	DVP	EMRG	LOAEL		3	d	1		ai mg/ml	100	73706
Permethrin	Diadegma	insulare	Parasitic Wasp	GRO	DVP	PUPA	LOAEL		3	d	1		ai mg/ml	100	73706
Permethrin	Trissolcus	basalis	Parasitic Wasp	GRO	DVP	EMRG	NOAEL		2	d	0.084		AI kg/ha	2	99619
Permethrin	Diadegma	insulare	Parasitic Wasp	GRO	DVP	EMRG	LOAEL		3	d	1		ai mg/ml	100	73706
Permethrin	Diadegma	insulare	Parasitic Wasp	GRO	DVP	EMRG	LOAEL		NR	em	1		ai mg/ml	100	73706
Permethrin	Trissolcus	basalis	Parasitic Wasp	GRO	DVP	EMRG	NOAEL		2	d	0.084		AI kg/ha	2	99619
Permethrin	Oryzias	latipes	Medaka, high-eyes	GRO	DVP	ABNM	NOEC	LOEC	NR	ht	0.2	0.3	mg/L	100	68254
(+)-cis-Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50		NA	em	0.000179(0.000108 TO 0.000314)		mg/L	10	100192
Permethrin	Mus	musculus	House mouse	GRO	DVP	WGHT	NOEL	LOEL	~18	d	4.9	9.8	ppm	94	100119
Permethrin	Acropora	millepora	Coral	GRO	DVP	MMPH	LOEC		0.75	d	0.001		mg/L	100	100575
Permethrin	Acropora	millepora	Coral	GRO	DVP	MMPH	EC50		0.75	d	0.001		mg/L	100	100575
Permethrin	Acropora	millepora	Coral	GRO	DVP	MMPH	NOAEL	LOAEL	0.75	d	0.0003	0.001	mg/L	100	100575
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		1	d	0.0216		mg/L	100	3916
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		0.1666667	d	0.1331		mg/L	100	3916

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		4.17E-02	d	0.3564		mg/L	100	3916
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*			1 d	0.00045		mg/L	100	3916
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		4.17E-02	d	0.00467		mg/L	100	3916
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		0.1666667	d	0.00115		mg/L	100	3916
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		8.33E-02	d	0.2498		mg/L	100	3917
Permethrin	Aedes	aegypti	Yellow fever mosquito	GRO	DVP	EMRG	EC50*		8.33E-02	d	0.00232		mg/L	100	3917
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	GLPX	LOAEL		22	d	300		mg/kg bdwt	94	76830
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	ALTM	NOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	ALTM	NOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	ACHE	LOAEL		30	d	0.13		mg/kg/d	93.6	89117
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	APND	LOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	APND	LOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL		1	d	3759.36		mg/kg	48	91392
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	SGPT	LOAEL		30	d	80		ppm	100	100123
Permethrin	Chironomus	riparius	Midge	BCM	ENZ	EROD	NOAEL		3	d	10		mg/L	100	68262
Permethrin	Chironomus	riparius	Midge	BCM	ENZ	EROD	NOAEL		3	d	10		mg/L	100	68262
Permethrin	Rana	cyanophlyctis	Skipping frog	BCM	ENZ	PPDE	LOAEL		1	d	0.0625		mg/L	25	100130
Permethrin	Gallus	domesticus	Domestic Chicken	BCM	ENZ	CEST	NOAEL		60	d	500		mg/kg/d	100	72825
Permethrin	Gammarus	pulex	Scud	BCM	ENZ	GSTR	NOAEL	LOAEL	2	d	0 TO <0.000099	0.0001188	mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	BCM	ENZ	GSTR	EC10		2	d	0.00001881 (0.00001287 TO 0.00003663)		mg/L	>=99	56618
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL	LOAEL	180	d	102.63	206.193	ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	NOAEL		180	d	172.605		ppm	93.3	99655
Permethrin	Mus	musculus	House mouse	BCM	ENZ	TSHX	NOAEL		84	d	1.5		mg/kg	100	99538
Permethrin	Mus	musculus	House mouse	BCM	ENZ	GSTR	LOAEL		5	d	100		ppm	100	74880
Permethrin	Mus	musculus	House mouse	BCM	ENZ	GLRE	NOAEL		5	d	200		ppm	100	74880
Permethrin	Mus	musculus	House mouse	BCM	ENZ	TSHX	LOAEL		168	d	0.8		mg/kg	100	99538
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	P450	NOAEL		3	d	96		ppm	96	76653

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	450R	LOAEL		10	d	96		ppm	96	76653
Permethrin	Uca	pugilator	Fiddler crab	BCM	ENZ	CTNS	NOAEL		7	d	0.005		mg/L	100	81669
Permethrin	Mus	musculus	House mouse	BCM	ENZ	TSHX	NOAEL		16	d	193.2		mg/kg	96.6	97326
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	LOAEL		21 TO 28	d	400		mg/kg	100	69776
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	BGCR	NOAEL	LOAEL	21 TO 28	d	400	800	mg/kg	100	69776
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	CEST	LOAEL		45	d	0.13		bdwt	>=93.6	99653
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	GLPX	LOAEL		7	d	34.05		mg/kg	94	99536
Permethrin	Cavia	porcellus	Guinea Pig	BCM	ENZ	ACHE	NOAEL		1	d	150		bdwt	100	80607
Permethrin	Mus	musculus	House mouse	BCM	ENZ	GSTR	LOAEL		4	d	100		mg/kg	100	92613
Permethrin	Rattus	norvegicus	Norway rat	BCM	ENZ	GLPX	NOAEL	LOAEL	60	d	15	150	bdwt	94	76643
Permethrin	Coturnix	coturnix	Quail	BCM	ENZ	ECOD	LOAEL		7	d	1860		ppm	93	38526
Permethrin	Mus	musculus	House mouse	BCM	ENZ	DHYG	LOAEL		14	d	13		mg/kg	100	92577
Permethrin	Mus	musculus	House mouse	BCM	ENZ	ACHE	NOAEL		14	d	200		mg/kg	100	97332
Permethrin	Apis	mellifera	Honey bee	BCM	ENZ	ACHE	LOEL		1	d	0.25		ug/bee	100	35515
Permethrin	Apis	mellifera	Honey bee	BEH	FDB	GFDB	LOAEL		4.17E-02	d	1.12		AI kg/ha	100	64812
Permethrin	Apis	mellifera	Honey bee	BEH	FDB	GFDB	LOAEL		4.17E-02	d	1.12		AI kg/ha	100	64812
Permethrin	Daphnia	magna	Water flea	BEH	FDB	FDNG	IC50		2	d	0.00109(0.0001 TO 0.0012)		mg/L	100	66374
Permethrin	Daphnia	magna	Water flea	BEH	FDB	FDNG	NOAEL	LOAEL	1	d	0.00048	0.00085	mg/L	100	66374
Permethrin	NR	Apidae	Bee family	BEH	FDB	FDNG	NOAEL		7	d	62.4		ai g/ha	25	36954
Permethrin	NR	Apidae	Bee family	BEH	FDB	FDNG	NOAEL		3	d	62.4		ai g/ha	25	36954
Permethrin	NR	Apidae	Bee family	BEH	FDB	FDNG	NOAEL		9	d	62.4		ai g/ha	25	36954
Permethrin	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		6	d	73.05		mg/kg	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		6	d	73.05		bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		3	d	146.1		mg/kg	97.4	68067
Permethrin	Gammarus	pulex	Scud	BEH	FDB	FCNS	NOAEL	LOAEL	6	d	0.00003	0.00006	mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	BEH	FDB	FCNS	EC10		6	d	0.000009(0.000002 TO 0.000039)		mg/L	>=99	56618
(+)-cis-Permethrin	Mus	musculus	House mouse	BEH	FDB	WCON	NOAEL		21	d	1200		ug/d	100	99540

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
(+)-trans-Permethrin	Mus	musculus	House mouse	BEH	FDB	WCON	NOAEL		21	d	1200		ug/d	100	99540
Permethrin	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	LOAEL		21	d	60		mg/kg	100	99914
Permethrin	Apis	mellifera	Honey bee	BEH	FDB	FDNG	NOAEL		70	d	0.017		ppm	100	95956
Permethrin	Apis	mellifera	Honey bee	BEH	FDB	FCNS	NOAEL		70	d	0.017		ppm	100	95956
Permethrin	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL	LOAEL	11	d	48.3	96.6	mg/kg bdwt	96.6	100429
Permethrin	Mus	musculus	House mouse	BEH	FDB	FCNS	NOAEL	LOAEL	1	d	3	30	mg/kg	100	94312
Permethrin	Mus	musculus	House mouse	BEH	FDB	FCNS	LOAEL		1	d	0.5		mg/kg bdwt	100	94312
Permethrin	Mus	musculus	House mouse	BEH	FDB	FCNS	NOAEL		28	d	19.6		mg/kg bdwt	94	100119
Permethrin	Mus	musculus	House mouse	BEH	FDB	FCNS	NOAEL		28	d	19.6		mg/kg bdwt	94	100119
Permethrin	Mus	musculus	House mouse	BEH	FDB	FCNS	NOAEL		~39	d	19.6		mg/kg/d	94	100119
Permethrin	Rattus	norvegicus	Norway rat	CEL	GEN	DAMG	NOAEL	LOAEL	60	d	15	150	mg/kg bdwt	94	76830
Permethrin	Rattus	norvegicus	Norway rat	CEL	GEN	DAMG	NOAEL		22	d	300		mg/kg bdwt	94	76830
(+)-cis-Permethrin	Mus	musculus	House mouse	CEL	GEN	SRRN	LOAEL		42	d	34.72		ppm	99.2	99535
Permethrin	Mus	musculus	House mouse	CEL	GEN	DPTR	NOAEL		84	d	1.5		mg/kg	100	99538
Permethrin	Mus	musculus	House mouse	CEL	GEN	DPTR	NOAEL		168	d	1.5		mg/kg	100	99538
Permethrin	Mus	musculus	House mouse	CEL	GEN	DPTR	NOAEL		16	d	193.2		mg/kg	96.6	97326
Permethrin	Rattus	norvegicus	Norway rat	CEL	GEN	CABR	LOAEL		32	d	12.34374		mg/kg bdwt	98.2	50488
Permethrin	Brassica	oleracea	Cabbage	GRO	GRO	VGOR	NOAEL		38	d	0.1		Al lb/acre	100	82465
Permethrin	Brassica	oleracea	Cabbage	GRO	GRO	COND	NOAEL		28	d	0.15		Al lb/acre	100	82447
Permethrin	Brassica	oleracea	Cabbage	GRO	GRO	COND	NOAEL		28	d	0.1		Al lb/acre	100	82447
Permethrin	Brassica	oleracea	Cabbage	GRO	GRO	VGOR	NOAEL		39	d	0.15		Al lb/acre	100	82448
Permethrin	Rana	temporaria	Frog	GRO	GRO	LGTH	NOAEL		3	d	0.032		mg/L	100	88266
Permethrin	Rana	temporaria	Frog	GRO	GRO	LGTH	NOAEL		NA	stg	0.001		mg/L	100	88266
Permethrin	Lilium	sp.	lily	GRO	GRO	WGHT	NOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	GRO	GRO	WGHT	NOAEL		~120	d	300		g	25	92936
Permethrin	Lilium	sp.	lily	GRO	GRO	WGHT	NOAEL		~120	d	100		g	25	92936
Permethrin	Tulipa	sp.	tulip	GRO	GRO	WGHT	NOAEL		~60	d	200		g	25	92936
Permethrin	Tulipa	sp.	tulip	GRO	GRO	WGHT	NOAEL		~60	d	300		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	200		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	GRO	GRO	WGHT	NOAEL		~75	d	100		g	25	92936
Permethrin	Iris	hollandica	Wedgewood	GRO	GRO	WGHT	NOAEL		~90	d	100		g	25	92936
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		22	d	300		mg/kg bdwt	94	76830
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		30	d	0.13		mg/kg/d	93.6	89117
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL		5	d	73.05		mg/kg bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL		5	d	73.05		mg/kg bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL		3	d	146.1		mg/kg bdwt	97.4	68067
Permethrin	Glycine	max	Soybean	GRO	GRO	WGHT	LOAEL		35	d	0.2225		lb/acre	100	72210
Permethrin	Lupinus	angustifolius	Blue lupine	GRO	GRO	LGTH	NOAEL		16	d	12.5		ppm	25	100120
Permethrin	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50		7	d	787.3(692 TO 970)		ppm	100	66427
Permethrin	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10		7	d	175.5		ppm	100	66427
Permethrin	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC10		7	d	137		ppm	100	66427
Permethrin	Lagenidium	giganteum	Fungus	GRO	GRO	GRRT	IC50		7	d	638.2(547 TO 761)		ppm	100	66427
(+)-cis-Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		42	d	69.44		ppm	99.2	99535
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL		56	d	0.12168		mg/kg/d	93.6	99532
Permethrin	Pimephales	promelas	Fathead minnow	GRO	GRO	WGHT	NOEC		32	d	0.0014		mg/L	92	10503
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		40	d	4.58		ul/d	91.6	99916
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL	LOAEL	28	d	0.13	1.3	mg/kg	93.6	99534
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	LOAEL		2	d	22.9		ul	91.6	99915

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		7 d		34.05		mg/kg bdwt	94	99536
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		60 d		1.3		mg/kg	93.6	99654
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		45 d		0.13		mg/kg/d	>=93.6	99653
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		43 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		53 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		60 d		4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	GRO	THIK	LOAEL		32 d		0.458		ul/d	91.6	99916
Permethrin	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL		4 d		0.0495		mg/L	99	89641
Permethrin	Xenopus	laevis	African clawed frog	GRO	GRO	LGTH	LOAEL		4 d		0.0099		mg/L	99	89641
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		28 d		123.732		mg/kg bdwt	98.2	78435
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		60 d		150		mg/kg bdwt	94	76643
Permethrin	Coturnix	coturnix	Quail	GRO	GRO	WGHT	LOAEL		7 d		1860		ppm	93	38526
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		11 d		96.6		mg/kg bdwt	96.6	100429
Permethrin	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		4 d		772.8		mg/kg	96.6	100429
Permethrin	Picea	abies	Norway spruce	GRO	GRO	HGHT	LOAEL		~90 d		2		%	100	98905
Permethrin	Mus	musculus	House mouse	GRO	GRO	WGHT	NOAEL		28 d		19.6		mg/kg bdwt	94	100119
Permethrin	Mus	musculus	House mouse	GRO	GRO	GAIN	NOAEL	LOAEL	28 d		4.9	9.8	mg/kg bdwt	94	100119
Permethrin	Picea	mariana	Black spruce	GRO	GRO	LGTH	LOAEL		817 d		140		ml/ha	100	100247
Permethrin	Skeletonema	costatum	Diatom	GRO	GRO	GGRO	EC50		4 d		0.068		mg/L	100	5297
Permethrin	Skeletonema	costatum	Diatom	GRO	GRO	GGRO	EC50		4 d		0.072		mg/L	100	5297
Permethrin	Salvelinus	fontinalis	Brook trout	GRO	GRO	LGTH	NOEC		5 d		0.0063		mg/L	>92	81394
Permethrin	Rattus	norvegicus	Norway rat	CEL	HIS	PRLF	LOAEL		364 d		2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	CEL	HIS	PRLF	LOAEL		364 d		2347.5		ppm	93.9	86134
Permethrin	Mus	musculus	House mouse	CEL	HIS	PRLF	LOAEL		2 d		22.9		ul	91.6	99915
Permethrin	Rattus	norvegicus	Norway rat	BCM	HRM	NORE	NOAEL	LOAEL	0.2083333 d		90	180	mg/kg bdwt	97.8	99911
(+)-cis-Permethrin	Mus	musculus	House mouse	BCM	HRM	TSTR	LOAEL		42 d		34.72		ppm	99.2	99535

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	BCM	HRM	DOPA	LOAEL		7	d	34.05		mg/kg bdwt	94	99536
Permethrin	Mus	musculus	House mouse	BCM	HRM	DOPA	NOAEL		14	d	3		mg/kg	100	92572
Permethrin	Mus	musculus	House mouse	BCM	HRM	SRTN	NOAEL		14	d	200		mg/kg	100	92572
Permethrin	Mus	musculus	House mouse	BCM	HRM	DOPA	NOAEL		14	d	200		mg/kg	100	92577
Permethrin	Mus	musculus	House mouse	BCM	HRM	DOPA	NOAEL		14	d	200		mg/kg	100	97332
Permethrin	Mus	musculus	House mouse	BCM	HRM	DOPA	NOAEL	LOAEL	14	d	13	25	mg/kg	100	97332
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	NOAEL	LOAEL	~120	d	100	200	g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	50		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	50		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	50		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	NOAEL		~120	d	100		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	LOAEL		~120	d	50		g	25	92936
Permethrin	Lilium	sp.	lily	PHY	IMM	IFCT	NOAEL		~120	d	100		g	25	92936
Permethrin	Tulipa	sp.	tulip	PHY	IMM	IFCT	LOAEL		~60	d	100		g	25	92936
Permethrin	Tulipa	sp.	tulip	PHY	IMM	IFCT	NOAEL	LOAEL	~60	d	100	200	g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	LOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	LOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	NOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	LOAEL		~75	d	100		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	LOAEL		~75	d	50		g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	NOAEL	LOAEL	~75	d	50	100	g	25	92936
Permethrin	Hyacinthus	orientalis	Common hyacinth	PHY	IMM	IFCT	LOAEL		~75	d	50		g	25	92936
Permethrin	Iris	hollandica	Wedgewood	PHY	IMM	IFCT	LOAEL		~90	d	50		g	25	92936
Permethrin	Solenopsis	invicta	Red imported fire ant	PHY	IMM	IFCT	NOAEL		56	d	10		ul	100	99825
Permethrin	Rattus	norvegicus	Norway rat	PHY	IMM	PFCR	NOAEL		28	d	123.732		mg/kg bdwt	98.2	78435

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Mus	musculus	House mouse	PHY	IMM	NKCA	NOAEL	LOAEL	13	d	0.04	0.4	mg/kg bdwt	100	47625
Permethrin	Rattus	norvegicus	Norway rat	PHY	IMM	DHYP	NOAEL		31	d	123.4374		mg/kg bdwt	98.2	50488
Permethrin	Brassica	oleracea	Cabbage	PHY	INJ	DAMG	NOAEL		51	d	0.2		Al lb/acre	100	82477
Permethrin	Brassica	oleracea	Cabbage	PHY	INJ	DAMG	NOAEL			hv	0.15		Al lb/acre	100	82234
Permethrin	Brassica	oleracea	Cabbage	PHY	INJ	DAMG	NOAEL			hv	0.15		Al lb/acre	100	82472
Permethrin	Cajanus	cajan	Pigeonpea	PHY	INJ	DAMG	LOAEL		na	hv	0.006		%	100	89154
Permethrin	Brassica	oleracea	Cabbage	PHY	INJ	DAMG	NOAEL		na	hv	0.09812		lb/acre	100	98228
Permethrin	Medicago	sativa	Alfalfa	PHY	INJ	DAMG	NOAEL	LOAEL	<=1	gs	0.03122	0.1338	lb/acre	50	99781
Permethrin	Medicago	sativa	Alfalfa	PHY	INJ	DAMG	LOAEL		<=1	gs	0.0892		lb/acre	50	99781
Permethrin	Rattus	norvegicus	Norway rat	PHY	INJ	DAMG	LOAEL		60	d	0.12168		mg/kg/d	93.6	99532
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	NOEC	LOEC	NR	ht	0.05	0.1	mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	LOEC			7 d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	LOEC			8 d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	LOEC			8 d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	LOEC			8 d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	INJ	CURV	LOEC			8 d	0.0967		mg/L	100	68254
Permethrin	Lolium	perenne	Perennial ryegrass	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	PHY	INJ	DAMG	NOAEL		<=1	gs	0.1246		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	PHY	INJ	DAMG	NOAEL		<=1	gs	0.1246		lb/acre	100	100381
Permethrin	Lolium	perenne	Perennial ryegrass	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Nicotiana	sp.	tobacco	PHY	INJ	DAMG	NOAEL		<=1	gs	0.0623		lb/acre	100	100381
Permethrin	Picea	abies	Norway spruce	PHY	INJ	DAMG	LOAEL		14	d	2		%	100	98905
3-Phenoxybenzoic acid	Daphnia	magna	Water flea		ITX	IMBL	EC50			1 d	0.05		mg/L		7357
3-Phenoxybenzoic acid	Daphnia	magna	Water flea		ITX	IMBL	EC50			2 d	0.05		mg/L		7357

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Apis	mellifera	Honey bee	PHY	ITX	IMBL	LOAEL		3.47E-03	d	0.225		%	100	70408
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Rattus	norvegicus	Norway rat	PHY	ITX	CONV	LOAEL		0.2083333	d	180		ppm	100	100132
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		NR	ht	0.025		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		5	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	ITX	INCO	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50*		2	d	0.43		ug/org	100	2554
Permethrin	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50*		2	d	6.4		ug/org	100	2554
Permethrin	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50*		2	d	1.06		ug/org	100	2554
Permethrin	Daphnia	carinata	Water flea	PHY	ITX	IMBL	EC50		2	d	0.05		mg/L	100	5194
Permethrin	Daphnia	carinata	Water flea	PHY	ITX	IMBL	EC50		1	d	0.075		mg/L	100	5194
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	EC50*		0.125	d	0.00132		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	LC50		0.125	d	0.00097		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	EC50*		0.125	d	0.0017		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	EC50*		0.125	d	0.00122		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	EC50*		0.125	d	0.00165		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	LC50		0.125	d	0.0006		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	PHY	ITX	IMBL	EC50*		0.125	d	0.00161		mg/L	100	6899
3-Phenoxybenzoic acid	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50		1	d	0.05		mg/L	100	7357
3-Phenoxybenzoic acid	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50		2	d	0.05		mg/L	100	7357
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1	d	1.21		ng/mg	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1	d	0.38		ng/org	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1	d	0.82		ng/org	100	20256

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		0.07		ng/mg	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		0.49		ng/mg	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		0.68		ng/org	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		0.82		ng/org	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		0.41		ng/org	100	20256
(+)-cis-Permethrin	Triatoma	sp.	Blood-sucking bug	PHY	ITX	IMBL	LD50		1 d		3.88		ng/org	100	20256
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	LOEC		96 d		0.0023		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	EC50		1 d		0.00301		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	EC50		2 d		0.00244		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	EC50		3 d		0.00244		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	NOEC		1 d		0.0089		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	PHY	ITX	GITX	NOEC		96 d		0.0016		mg/L	>92	81394
Permethrin	Oligonychus	pratensis	Banks grass mite	MOR	MOR	MORT	LC50		1 d		15.2		ug/eu	100	63628
Permethrin	Tetranychus	urticae	Two-spotted spider mite	MOR	MOR	MORT	LC50		1 d		132.2		ug/eu	100	63628
Permethrin	Colpoclypeus	florus	Eulophid wasp	MOR	MOR	MORT	NR-LETH		2 d		50		ppm	100	63713
Permethrin	Colpoclypeus	florus	Eulophid wasp	MOR	MOR	MORT	LOAEL		2 d		5		ppm	100	63713
Permethrin	Trichogramma	platneri	Parasitic wasp	MOR	MOR	MORT	LOAEL		2 d		5		ppm	100	63713
Permethrin	Trichoplusia	ni	Cabbage looper	MOR	MOR	MORT	LC50		2 d		0.012		%	100	82480
Permethrin	Trichoplusia	ni	Cabbage looper	MOR	MOR	MORT	LC50		2 d		0.005		%	100	82480
Permethrin	Trichoplusia	ni	Cabbage looper	MOR	MOR	MORT	LC50		2 d		0.005		%	100	82480
Permethrin	Panagrolaimus	rigidus	Nematode	MOR	MOR	MORT	LC50		1 d		0.1		AI %	100	70516
Permethrin	Mesorhabditis	spiculigera	Nematode	MOR	MOR	MORT	LC50		1 d		0.1		AI %	100	70516
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.005(0.003 TO 0.009)		mg/L	94.6	62487
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.017(0.009 TO 0.079)		mg/L	94.6	62487

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
(+)-cis-Permethrin	Mus	musculus	House mouse	MOR	MOR	MORT	LD50		>=3.47222 222222222 E-03	d	10.89(6.732 TO 39.6)		ug/g TI	>99	72270
(+)-trans-Permethrin	Mus	musculus	House mouse	MOR	MOR	MORT	LD50		>=3.47222 222222222 E-03	d	851.4		ug/g TI	>99	72270
Permethrin	Steinernema	carpocapsae	Nematode	MOR	MOR	MORT	NOAEL			2 d	100		ug/ml	91.2	84164
Permethrin	Rana	temporaria	Frog	MOR	MOR	MORT	NOAEL			3 d	0.032		mg/L	100	88266
Permethrin	Rana	temporaria	Frog	MOR	MOR	MORT	NOAEL		NA	stg	0.001		mg/L	100	88266
Permethrin	Phyllotreta	cruciferae	Crucifer flea beetle	MOR	MOR	MORT	LD95			2 d	0.0984(0.08 16 TO 0.1275)		AI kg/ha	100	89123
Permethrin	Phyllotreta	cruciferae	Crucifer flea beetle	MOR	MOR	MORT	LD50			2 d	0.0288(0.02 64 TO 0.0312)		AI kg/ha	100	89123
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			2 d	0.00536(0.0 025 TO 0.0106)		mg/L	100	66374
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			2 d	0.00054(0.0 0003 TO 0.0193)		mg/L	100	66374
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-LETH			1 d	0.055		ai kg/ha	100	91624
Permethrin	Megachile	rotundata	Alfalfa leafcutter bee	MOR	MOR	MORT	NR-LETH			1 d	0.055		ai kg/ha	100	91624
Permethrin	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50			2 d	0.0054(0.00 48 TO 0.0064)		mg/L	20	60220
Permethrin	Tilapia	zillii	Tilapia	MOR	MOR	MORT	LC50			2 d	0.0098(0.00 74 TO 0.012)		mg/L	20	60220
Permethrin	Caridina	africana	Shrimp	MOR	MOR	MORT	LC50		8.33E-02	d	0.0072		mg/L	20	60220
Permethrin	Caridina	africana	Shrimp	MOR	MOR	MORT	LC95		8.33E-02	d	0.02		mg/L	20	60220
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d	0.001135		mg/L	25	100165
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d	0.0012		mg/L	25	100165
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d	0.0023(0.00 1125 TO 0.0013)		mg/L	25	100165

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.00187(0.00187 TO 0.00235)		mg/L	25	100165
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.00029(0.00028 TO 0.0003)		mg/L	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.00042(0.0004 TO 0.00045)		mg/L	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	LC90		1 d		0.0071(0.0064 TO 0.0081)		mg/L	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.0035(0.0032 TO 0.0037)		mg/L	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Anopheles	maculatus	Mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.5		kg/ha	100	74952
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-LETH		1 d		1		kg/ha	100	74952
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		4 d		0.00021(0.00017 TO 0.00025)		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	4 d		0.0001	0.0002	mg/L	100	97339

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		4 d		0.00014		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		4 d		0.00005(0.0004 TO 0.00005)		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	4 d		0.000025	0.00005	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		4 d		0.00004		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		4 d		0.00453		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	4 d		0.0032	0.0064	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		4 d		0.0064		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		1 d		0.0004		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	1 d		0.0002	0.0004	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		1 d		0.00028		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		1 d		0.00007		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	1 d		0.00005	0.0001	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		1 d		0.0001(0.0009 TO 0.00012)		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		1 d		0.00121(0.00101 TO 0.00144)		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	1 d		0.0005	0.001	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		1 d		0.00071		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	MATC		1 d		0.00018		mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	NOEC	LOEC	1 d		0.000125	0.00025	mg/L	100	97339
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		1 d		0.00022		mg/L	100	97339
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.00101(0.00078 TO 0.00131)		mg/L	94.6	61087

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.0043(0.00258 TO 0.00731)		mg/L	94.6	61087
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.185(0.16 TO 0.219)		mg/L	94.6	61087
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0511(0.047 TO 0.0555)		mg/L	94.6	61087
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0246(0.0201 TO 0.0301)		mg/L	94.6	61087
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.122(0.0835 TO 0.183)		mg/L	94.6	61087
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		364 d		469.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		364 d		2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		3 d		1430.88		mg/kg	48	91392
Permethrin	Notonecta	indica	Backswimmer	MOR	MOR	MORT	LC50		1 d		0.0007(0.00045 TO 0.001)		mg/L	25	60696
Permethrin	Notonecta	indica	Backswimmer	MOR	MOR	MORT	LC90		1 d		0.0014(0.001075 TO 0.002475)		mg/L	25	60696
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.003648(0.002736 TO 0.003648)		mg/L	91.2	63336
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		9.12(7.6608 TO 10.944)		mg/L	91.2	63336
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-LETH		7 d		11.35		Al g	1.5	100273
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-LETH		7 d		11.35		Al g	1.5	100273
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-LETH		7 d		11.35		Al g	1.5	100273
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-LETH		7 d		11.35		Al g	1.5	100273
Permethrin	Camponotus	pennsylvanicus	Black Carpenter Ant	MOR	MOR	MORT	LT50		0.29 d		20		ppm	100	100275

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Camponotus	pennsylvanicus	Black Carpenter Ant	MOR	MOR	MORT	LT95		0.77	d	20		ppm	100	100275
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LOAEL		2	d	56		AI mg/m2	25	100274
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1	d	0.004		mg/L	100	100276
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1	d	0.011		mg/L	100	100276
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1	d	0.003		mg/L	100	100276
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC01		2	d	0.07994(0.0327 TO 0.11546)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC5		2	d	0.01108(0.05831 TO 0.14749)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC10		2	d	0.13237(0.07884 TO 0.16918)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC15		2	d	0.149(0.09616 TO 0.18653)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC50		2	d	0.24573(0.19814 TO 0.31659)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC85		2	d	0.40525(0.31497 TO 0.69646)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC90		2	d	0.45617(0.34547 TO 0.85386)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC95		2	d	0.5436(0.3944 TO 1.15996)		mg/L	94.93	71220
Permethrin	Poecilia	reticulata	Guppy	MOR	MOR	MORT	LC99		2	d	0.75531(0.5016 TO 2.07728)		mg/L	94.93	71220
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-ZERO		6.94E-04	d	0.225		%	100	70408
Permethrin	Paramecium	primaurelia	Ciliate	MOR	MOR	MORT	NR-LETH		0.05625	d	0.78		% mg	25	100133

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		1 d		0.2		mg/L	100	99469
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		4 d		0.2		mg/L	100	99469
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	NR-ZERO		1 d		0.009		ug	95	36273
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		1 d		0.0004455		mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		2 d		0.0004455		mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		3 d		0.0004455		mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		4 d		0.0004356		mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		5 d		0.0002574		mg/L	>=99	56618
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	LC50		6 d		0.0001683		mg/L	>=99	56618
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		21 d		0.03(0.005 TO 0.2)		mg/L	100	99469
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0015(0.0012 TO 0.0019)		mg/L	100	99645
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.0023(0.0019 TO 0.0029)		mg/L	100	99645
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	LOAEL		2 d		2		ml/gal	40	99850
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NR-LETH		2 d		0.0005		mg/L	100	99604
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.7624(0.5718 TO 0.953)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.08577(0.04765 TO 0.0953)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.1906(0.1906 TO 0.2859)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.3812(0.2859 TO 0.5718)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.1906(0.1906 TO 0.2859)		mg/L	95.3	99823
(+)-cis-Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0004		mg/L	100	99824
(+)-cis-Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		0.001		mg/L	100	99824
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		14 d		1000		mg/kg bdwt	91.6	99537
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		14 d		316		mg/kg bdwt	91.6	99537
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	NR-LETH		1 d		2		AI %	100	99598
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NR-LETH		2 d		0.0005		mg/L	100	99604
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC10		3 d		0.00032(0.0012 TO 0.00054)		mg/L	100	99847
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		3 d		0.0013(0.00082 TO 0.0017)		mg/L	100	99847
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		3 d		0.0069		mg/L	100	99847
Permethrin	Hyaella	azteca	Scud	MOR	MOR	MORT	NR-LETH		4 d		0.0002		mg/L	100	99604
Permethrin	Hyaella	azteca	Scud	MOR	MOR	MORT	NR-LETH		4 d		0.00015		mg/L	100	99604
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-ZERO		7 d		6		AI lb/acre	3.2	99595
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC10		1 d		0.041(0.029 TO 0.054)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC20		1 d		0.09(0.07 TO 0.112)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC30		1 d		0.16(0.13 TO 0.19)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC40		1 d		0.26(0.22 TO 0.29)		mg/L	94.4	99846

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d	0.54(0.37 TO 0.45)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC60			1 d	0.63(0.57 TO 0.7)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC70			1 d	1.02(0.92 TO 1.15)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC80			1 d	1.8(1.57 TO 2.11)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90			1 d	3.94(3.25 TO 4.97)		mg/L	94.4	99846
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC95			1 d	7.53(5.88 TO 10.16)		mg/L	94.4	99846
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00051636 (0.00037734 TO 0.00064545)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00056601 (0.00041706 TO 0.00068517)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00053622 (0.00042699 TO 0.00065538)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00073482 (0.00056601 TO 0.00094335)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00077454 (0.00062559 TO 0.00094335)		mg/L	99.3	99603

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00108237 (0.00080433 TO 0.00138027)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00047664 (0.00038727 TO 0.00057594)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00051636 (0.00038727 TO 0.00062559)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00048657 (0.000385284 TO 0.0005958)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00058587 (0.00041706 TO 0.00073482)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00072489 (0.00051636 TO 0.0008937)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00091356 (0.00070503 TO 0.00118167)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00055608 (0.00040713 TO 0.00067524)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00050643 (0.00037734 TO 0.00061566)		mg/L	99.3	99603

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00058587 (0.0004766 4 TO 0.00071496)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00065538 (0.0004865 7 TO 0.00080433)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00075468 (0.0005660 1 TO 0.00094335)		mg/L	99.3	99603
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00102279 (0.0008043 3 TO 0.00131076)		mg/L	99.3	99603
(+)-trans-Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		180 d		172.605		ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		180 d		206.193		ppm	93.3	99655
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.00686(0.0 05684 TO 0.008134)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.01862(0.0 147 TO 0.0245)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0098(0.00 784 TO 0.01568)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.0294(0.01 96 TO 0.0392)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.000686(0. 00049 TO 0.000882)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.02254(0.0 1764 TO 0.03136)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.004018(0. 003724 TO 0.00441)		mg/L	98	99822

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00196(0.01764 TO 0.002156)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00882(0.0588 TO 0.01372)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.000686(0.00049 TO 0.000882)		mg/L	98	99822
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	LC50			1 d	0.120048(0.115168 TO 0.12688)		ppm	97.6	99827
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NR-LETH			1 d	0.244		ppm	97.6	99827
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	NOAEL	LOAEL		1 d	0.244	2.44	ppm	97.6	99827
Permethrin	Solenopsis	invicta	Red imported fire ant	MOR	MOR	MORT	LOAEL			1 d	2.44		ppm	97.6	99827
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	SURV	NOEC	LOEC		32 d	0.00066	0.0014	mg/L	92	10503
Permethrin	Helisoma	trivolvis	Ramshorn snail	MOR	MOR	SURV	NOEC			28 d	0.00033		mg/L	92	10503
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50			1 d	0.0025		mg/L	25	89593
Permethrin	Anisops	sardeus	Backswimmer	MOR	MOR	MORT	NR-LETH			1 d	0.0059		mg/L	25	89593
Permethrin	Anisops	sardeus	Backswimmer	MOR	MOR	MORT	NR-LETH			1 d	0.0059		mg/L	25	89593
Permethrin	Glycine	max	Soybean	MOR	MOR	MORT	ED50			10 d	6632		ppm	50	99724
Permethrin	Culex	tritaeniorhynchus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00265(0.0146 TO 0.00467)		mg/L	94.7	99647
Permethrin	Culex	tritaeniorhynchus	Mosquito	MOR	MOR	MORT	LC90			1 d	0.00861(0.0048 TO 0.05997)		mg/L	94.7	99647
Permethrin	Culex	tritaeniorhynchus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00228(0.0193 TO 0.00263)		mg/L	94.7	99647

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Culex	tritaeniorhynchus	Mosquito	MOR	MOR	MORT	LC90			1 d	0.0124(0.0095 TO 0.01817)		mg/L	94.7	99647
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00077(0.0005 TO 0.0009)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC90			1 d	0.00772(0.0005 TO 0.0162)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC90			1 d	0.01975(0.0106 TO 0.056)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00098(0.0007 TO 0.0012)		mg/L	100	99596
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	0.001666(0.00147 TO 0.001862)		mg/L	98	100122
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	48.02(44.1 TO 52.92)		mg/L	98	100122
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	2.058(1.862 TO 2.45)		mg/L	98	100122
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	15.68(13.72 TO 18.62)		pg/cm2	98	100122
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	705.6(597.8 TO 813.4)		pg/cm2	98	100122
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	70.56(54.88 TO 81.34)		pg/cm2	98	100122
Permethrin	Alosa	sapidissima	American shad	MOR	MOR	MORT	LC50			2 d	0.00198016(0.00169456 TO 0.00225624)		mg/L	95.2	77827
Permethrin	Acipenser	oxyrinchus	Atlantic sturgeon	MOR	MOR	MORT	LC50			2 d	0.0011424		mg/L	95.2	77827
Permethrin	Acipenser	brevirostrum	Shortnose sturgeon	MOR	MOR	MORT	LC50			2 d	0.0011424		mg/L	95.2	77827
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC50			1 d	0.00056(0.0005 TO 0.0006)		mg/L	100	99596

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC90		1 d		0.00673(0.0054 TO 0.0086)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC90		1 d		0.00588(0.0046 TO 0.0085)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00141(0.0012 TO 0.0015)		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT50		0.025 d		0.075		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT50		2.01E-02 d		0.075		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT50		2.64E-02 d		0.075		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT50		2.08E-02 d		0.075		mg/L	100	99596
Permethrin	Pteromalus	puparum	Pteromalid Wasp	MOR	MOR	MORT	NOAEL		7 d		219.23		ml/ha	100	74110
Permethrin	Pteromalus	puparum	Pteromalid Wasp	MOR	MOR	MORT	NOAEL		7 d		219.23		ml/ha	100	74110
Permethrin	NR	Braconidae	Braconid wasp family	MOR	MOR	MORT	NOAEL		7 d		0.112		Al kg/ha	100	74122
Permethrin	NR	Braconidae	Braconid wasp family	MOR	MOR	MORT	NOAEL		7 d		0.112		Al kg/ha	100	74122
Permethrin	NR	Braconidae	Braconid wasp family	MOR	MOR	MORT	LOAEL		8.33E-02 d		0.112		Al kg/ha	100	74122
Permethrin	NR	Braconidae	Braconid wasp family	MOR	MOR	MORT	NOAEL		7 d		0.112		Al kg/ha	100	74122
Permethrin	Ganaspidium	utilis	Leafminer Parasitoid	MOR	MOR	MORT	LC50		1 d		298(228 TO 412)		ppm	100	74128
Permethrin	Ganaspidium	utilis	Leafminer Parasitoid	MOR	MOR	MORT	LC50		1 d		284(226 TO 364)		ppm	100	74128
Permethrin	Ganaspidium	utilis	Leafminer Parasitoid	MOR	MOR	MORT	LC50		1 d		238(158 TO 363)		ppm	100	74128
Permethrin	Ganaspidium	utilis	Leafminer Parasitoid	MOR	MOR	MORT	LC50		1 d		471(312 TO 924)		ppm	100	74128
Permethrin	Mus	musculus	House mouse	MOR	MOR	MORT	LOAEL		2 d		13.74		ul	91.6	99915
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.0956(0.0692 TO 0.0956)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.5736(0.3824 TO 1.0516)		mg/L	95.6	88223

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.7648(0.2868 TO 1.3384)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		15.296(8.5084 TO 38.24)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		7.17(5.258 TO 9.3688)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		28.68(19.12 TO 59.272)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.007648(0.005736 TO 0.00956)		mg/L	95.6	88223
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.01912(0.00956 TO 0.02868)		mg/L	95.6	88223
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT99		7.43E-02 d		0.075		mg/L	100	99596
Permethrin	Diglyphus	begini	Eulophid Wasp	MOR	MOR	MORT	LC50		1 d		6.29(4.08 TO 9.99)		ppm	96.7	99908
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT99		6.04E-02 d		0.075		mg/L	100	99596
Permethrin	Chrysocharis	parksii	Eulophid Wasp	MOR	MOR	MORT	LC50		1 d		0.42(0.29 TO 0.6)		ppm	96.7	99908
Permethrin	Ganaspidium	utilis	Leafminer Parasitoid	MOR	MOR	MORT	LC50		1 d		0.38(0.28 TO 0.5)		ppm	96.7	99908
Permethrin	Chrysonotom	punctiventris	Eulophid Wasp	MOR	MOR	MORT	LC50		1 d		0.18(0.12 TO 0.24)		ppm	96.7	99908
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT99		6.81E-02 d		0.075		mg/L	100	99596
Permethrin	Anopheles	pseudopunctipennis	Mosquito	MOR	MOR	MORT	LT99		4.93E-02 d		0.075		mg/L	100	99596
Permethrin	Halticoptera	circulus	Pteromalid Wasp	MOR	MOR	MORT	LC50		1 d		0.14(0.1 TO 0.18)		ppm	96.7	99908
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC50		2 d		54.1(46.2 TO 64.5)		ppm	94.3	79063
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC90		2 d		85.4(72.8 TO 109.9)		ppm	94.3	79063
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC50		1 d		0.028(0.023 TO 0.032)		ug/bee	100	94967

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC95			1 d	0.195(0.154 TO 0.260)		ug/bee	100	94967
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC50			1 d	0.015(0.013 TO 0.017)		ug/bee	100	94967
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LC95			1 d	0.061(0.049 TO 0.079)		ug/bee	100	94967
Permethrin	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4 d	0.693(0.396 TO 0.1089)		mg/L	99	89641
Permethrin	Xenopus	laevis	African clawed frog	MOR	MOR	MORT	LC50			4 d	0.297(0.099 TO 0.495)		mg/L	99	89641
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	0.0070224(0.0066576 TO 0.0074784)		mg/L	91.2	100301
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	2.0976(1.7328 TO 2.5536)		mg/L	91.2	100301
Permethrin	Microplitis	croceipes	Braconid Parasitoid Wasp	MOR	MOR	MORT	LD50			1 d	203.1(177.5 TO 224.6)		ng/eu	100	91911
Permethrin	Microplitis	croceipes	Braconid Parasitoid Wasp	MOR	MOR	MORT	LD90			1 d	362.9(312.9 TO 478.8)		ng/eu	100	91911
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50			2 d	135(74 TO 197)		ppm	100	89911
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50			2 d	0.005(0.0003 TO 0.088)		ai mg/ml	100	89911
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50			2 d	306(294 TO 320)		ppm	100	89911
Permethrin	Diadegma	insulare	Parasitic Wasp	MOR	MOR	MORT	LC50			2 d	10		ppm	100	89911
Permethrin	Trissolcus	basalis	Parasitic Wasp	MOR	MOR	MORT	NR-ZERO			4.17E-02 d	0.084		AI kg/ha	2	99619
Permethrin	Trissolcus	basalis	Parasitic Wasp	MOR	MOR	SURV	NOAEL			2 d	0.084		AI kg/ha	2	99619
Permethrin	Trissolcus	basalis	Parasitic Wasp	MOR	MOR	SURV	NOAEL			2 d	0.084		AI kg/ha	2	99619
Permethrin	Pipistrellus	pipistrellus	Pipistrelle bat	MOR	MOR	MORT	NOAEL			113 d	0.3		%	100	76890

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Pipistrellus	pipistrellus	Pipistrelle bat	MOR	MOR	MORT	NOAEL		154	d	0.3		%	100	76890
Permethrin	Pipistrellus	pipistrellus	Pipistrelle bat	MOR	MOR	MORT	NOAEL		154	d	0.05		%	100	76890
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.001908(0.001609 TO 0.002262)		mg/L	100	95712
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.001627(0.001436 TO 0.001844)		mg/L	100	95712
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.000604(0.000449 TO 0.000814)		mg/L	100	95712
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.000731(0.000541 TO 0.000998)		mg/L	100	95712
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.000733(0.00063 TO 0.000891)		mg/L	100	95712
Permethrin	Palaemonetes	pugio	Daggerblade grass shrimp	MOR	MOR	MORT	LC50		2	d	0.000548(0.000495 TO 0.000608)		mg/L	100	95712
(+)-cis-Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4	d	0.0005362		mg/L	99.3	81339
(+)-trans-Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4	d	0.0005159		mg/L	99.4	81339
Permethrin	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	HTCH	NOEC	LOEC	NR	ht	0.05	0.1	mg/L	100	68254
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10		NA	em	0.002		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		NA	em	0.16		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		NA	em	13.9		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10		NA	em	0.004		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		NA	em	0.324		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		NA	em	25.95		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10		NA	em	0.024		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		NA	em	0.245		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		NA	em	2.511		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10		NA	em	0.007		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		NA	em	0.24		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		NA	em	7.847		ug/org	100	70351

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD10		NA	em	0.078		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		NA	em	0.159		ug/org	100	70351
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD90		NA	em	0.326		ug/org	100	70351
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000782484(0.000541185 TO 0.00103272)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000617646(0.000424011 TO 0.000818232)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000766596(0.000569982 TO 0.001005909)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000739785(0.000564024 TO 0.000950301)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000851994(0.000592821 TO 0.001130034)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000567003(0.000424011 TO 0.00073482)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.00057594(0.000404151 TO 0.000712974)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50			4 d	0.000604737(0.000482598 TO 0.000741771)		mg/L	99.3	99602

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00056601 (0.0004557 87 TO 0.00068417 7)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00082121 1(0.000664 317 TO 0.00100491 6)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.0005809		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00084305 7(0.000650 415 TO 0.00107740 5)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00088277 7(0.000661 338 TO 0.00111216)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00085894 5(0.000667 296 TO 0.00109031 4)		mg/L	99.3	99602
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		4 d		0.00098902 8(0.000758 652 TO 0.00127699 8)		mg/L	99.3	99602
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		2 d		0.173(0.149 TO 0.196)		AI ug/g bdwt	100	39551
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LD50		2 d		0.024(0.021 TO 0.027)		AI ug/org	100	39551
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LOAEL		2 d		0.11		AI kg/ha	100	99620
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	MORT	LOAEL		2 d		0.11		AI kg/ha	100	99620
Permethrin	NR	Megachile rotundata	NR	MOR	MOR	MORT	LD50		2 d		0.616(0.557 TO 0.682)		AI ug/g bdwt	100	39551

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	NR	Megachile rotundata	NR	MOR	MOR	MORT	LD50		2 d		0.018(0.016 TO 0.020)		AI ug/org	100	39551
Permethrin	Phyllonorycter	blancardella	NR	MOR	MOR	MORT	LC50		1 d		223.6(201.6 TO 250.7)		ppm	100	73594
Permethrin	Phyllonorycter	blancardella	NR	MOR	MOR	MORT	LC50		1 d		169.1(154.9 TO 186.0)		ppm	100	73594
Permethrin	Trigona	spinipes	Bee	MOR	MOR	MORT	LD50		1 d		0.0724(0.0602 TO 0.0856)		ug/org	100	51755
Permethrin	Apis	mellifera	Honey bee	MOR	MOR	TKNO	LOAEL		1.04E-02 d		60		AI mg/L	100	40005
Permethrin	Andrena	erythronii	Andrenid bee	MOR	MOR	MORT	LD50		2 d		0.152(0.105 TO 0.196)		AI ug/g bdwt	100	39551
Permethrin	Mus	musculus	House mouse	MOR	MOR	MORT	NOAEL	LOAEL	28 d		4.9	9.8	mg/kg bdwt	94	100119
Permethrin	Andrena	erythronii	Andrenid bee	MOR	MOR	MORT	LD50		2 d		0.008(0.006 TO 0.011)		AI ug/org	100	39551
Permethrin	Bombus	terricola	Bumblebee	MOR	MOR	MORT	LD50		2 d		1.420(1.078 TO 1.800)		AI ug/g bdwt	100	39551
Permethrin	Bombus	terricola	Bumblebee	MOR	MOR	MORT	LD50		2 d		0.215(0.163 TO 0.273)		AI ug/org	100	39551
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50		3 d		0.002(0.000 TO 0.004)		ai mg/ml	100	58578
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50		3 d		0.4(0 TO 3)		ppm	100	58578
Permethrin	Plutella	xylostella	Diamondback moth	MOR	MOR	MORT	LC50		3 d		8(5 TO 10)		ppm	100	58578
Permethrin	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50		5 d		5000		ppm	94	50181
Permethrin	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO		5 d		5000		ppm	94	50181
Permethrin	Diadegma	insulare	Parasitic Wasp	MOR	MOR	MORT	LC50		2.08E-02 d		10(7 TO 14)		ppm	100	58578
Permethrin	Diadegma	insulare	Parasitic Wasp	MOR	MOR	MORT	LC50		1 d		7		ppm	100	58578
Permethrin	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	LC50		5 d		5000		ppm	38	50181

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Coturnix	japonica	Japanese quail	MOR	MOR	MORT	NR-ZERO		5 d		5000		ppm	38	50181
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		1 d		340.5(308.8 TO 375.6)		mg/kg bdwt	94	74863
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		1 d		399(346.1 TO 460)		mg/kg bdwt	94	74863
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		1 d		471(384.5 TO 577)		mg/kg bdwt	94	74863
Permethrin	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	LD50		1 d		1500(938 TO 2345.3)		mg/kg bdwt	94	74863
Permethrin	Tilapia	nilotica	Nile tilapia	MOR	MOR	MORT	LC50		2 d		0.75		mg/L	100	3241
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.0059		mg/L	25	89593
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.02352(0.01764 TO 0.03724)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.05586(0.0392 TO 0.1176)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.0392(0.0196 TO 0.1568)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.1274(0.0686 TO 0.6076)		mg/L	98	99822
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC95		1 d		0.001764(0.001176 TO 0.008918)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC95		1 d		0.07448(0.04704 TO 0.196)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC95		1 d		0.01176(0.009604 TO 0.0147)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC95		1 d		0.004606(0.004116 TO 0.005292)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC95		1 d		0.0294(0.01666 TO 0.1078)		mg/L	98	99822

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC95		1 d		0.001764(0.001176 TO 0.008918)		mg/L	98	99822
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC90		1 d		1.6201(1.2389 TO 2.7637)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC90		1 d		0.2859(0.1906 TO 1.1436)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC90		1 d		0.6671(0.4765 TO 0.953)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC90		1 d		0.8577(0.6671 TO 1.3342)		mg/L	95.3	99823
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC90		1 d		0.4765(0.3812 TO 0.7624)		mg/L	95.3	99823
Permethrin	Villosa	delumbis	Eastern Creekshell	MOR	MOR	SURV	EC50		2 d		0.2		mg/L	100	100597
Permethrin	Villosa	constricta	Notched Rainbow	MOR	MOR	SURV	EC50		2 d		0.2		mg/L	100	100597
Permethrin	Elliptio	complanata	Mussel, eastern elliptio	MOR	MOR	SURV	EC50		1 d		0.2		mg/L	100	100597
Permethrin	Lampsilis	fasciola	Wavy-rayed lampmussel	MOR	MOR	SURV	EC50		2 d		0.2		mg/L	100	100597
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	SURV	EC50		2 d		0.2		mg/L	100	100597
Permethrin	Lampsilis	fasciola	Wavy-rayed lampmussel	MOR	MOR	SURV	EC50		4 d		0.2		mg/L	100	100597
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	SURV	EC50		4 d		0.2		mg/L	100	100597
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		4 d		0.00251		mg/L	100	101
Permethrin	Isonychia	bicolor	Mayfly	MOR	MOR	MORT	LC50		4.17E-02 d		14.01		mg/L	100	101
Permethrin	Isonychia	bicolor	Mayfly	MOR	MOR	MORT	LC50		4.17E-02 d		12.81		mg/L	100	101
Permethrin	Hydropsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		3.56		mg/L	100	101
Permethrin	Hydropsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		3.59		mg/L	100	101
Permethrin	Hydropsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		5.61		mg/L	100	101
Permethrin	Hydropsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		5.57		mg/L	100	101

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Simulium	vittatum	Blackfly	MOR	MOR	MORT	LC50		4.17E-02	d	3.58		mg/L	100	101
Permethrin	Simulium	vittatum	Blackfly	MOR	MOR	MORT	LC50		4.17E-02	d	3.13		mg/L	100	101
Permethrin	Simulium	vittatum	Blackfly	MOR	MOR	MORT	LC50		4.17E-02	d	1.41		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			3 d	0.01886		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			3 d	0.02831		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			2 d	0.00275		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			2 d	0.00745		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			2 d	0.0131		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			3 d	0.00008		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			3 d	0.00275		mg/L	100	101
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50			3 d	0.02492		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.0003		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			3 d	0.02257		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			3 d	0.0137		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			3 d	0.00711		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			3 d	0.0068		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.02181		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.01625		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.00987		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.00471		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.00384		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.00059		mg/L	100	101
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50			4 d	0.00383		mg/L	100	101
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50			1 d	0.014		mg/L	100	184
Permethrin	Diaptomus	sp.	Calanoid copepod	MOR	MOR	MORT	LC50			2 d	0.007		mg/L	100	786
Permethrin	Alonella	sp.	Water flea	MOR	MOR	MORT	LC50			2 d	0.004		mg/L	100	786
Permethrin	Eucyclops	sp.	Cyclopoid copepod	MOR	MOR	MORT	LC50			2 d	0.005		mg/L	100	786
Permethrin	Cypria	sp.	Ostracod	MOR	MOR	MORT	LC50			2 d	0.005		mg/L	100	786
Permethrin	Rana	clamitans	Green frog	MOR	MOR	MORT	NR-ZERO			4 d	0.1 TO 2		mg/L	100	2850
Permethrin	Pollimyrus	isidori	Electric Fish	MOR	MOR	MORT	LC50			1 d	0.04		mg/L	100	3042
Permethrin	Pollimyrus	isidori	Electric Fish	MOR	MOR	MORT	LC50			2 d	0.026		mg/L	100	3042
Permethrin	Americamysis	bahia	Opossum shrimp	MOR	MOR	MORT	MATC			28 d	0.00001 TO 0.00002		mg/L	100	3750
Permethrin	Culex	pipiens	Mosquito	MOR	MOR	MORT	LC50			1 d	0.004		mg/L	100	4896
Permethrin	Aedes	trivittatus	Mosquito	MOR	MOR	MORT	LC50			1 d	0.003		mg/L	100	4896
Permethrin	Procambarus	clarkii	Red swamp crayfish	MOR	MOR	MORT	LC50			4 d	0.00039		mg/L	100	5181
Permethrin	Procambarus	clarkii	Red swamp crayfish	MOR	MOR	MORT	LC50			4 d	0.00062		mg/L	100	5181
Permethrin	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LC50			4 d	7.033		mg/L	100	5181

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Micropterus	salmoides	Largemouth bass	MOR	MOR	MORT	LC50		4	d	0.0085		mg/L	100	5181
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		4	d	0.015		mg/L	100	5181
Permethrin	Ictalurus	punctatus	Channel catfish	MOR	MOR	MORT	LC50		4	d	0.0011		mg/L	100	5181
Permethrin	Eretes	sticticus	Beetle	MOR	MOR	MORT	LC50		2	d	0.0058		mg/L	100	5182
Permethrin	Eretes	sticticus	Beetle	MOR	MOR	MORT	LC50		1	d	0.0058		mg/L	100	5182
Permethrin	Brachycentrus	subnulis	Caddisfly	MOR	MOR	MORT	NR-LETH		4.17E-02	d	0.002		mg/L	100	5188
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	NR-LETH		4.17E-02	d	0.0002		mg/L	100	5188
Permethrin	Gammarus	pulex	Scud	MOR	MOR	MORT	NR-LETH		4.17E-02	d	0.002		mg/L	100	5188
Permethrin	Baetis	rhodani	Mayfly	MOR	MOR	MORT	NR-LETH		4.17E-02	d	0.002		mg/L	100	5188
Permethrin	Brachycentrus	subnulis	Caddisfly	MOR	MOR	MORT	NR-LETH		4.17E-02	d	0.002		mg/L	100	5188
Permethrin	Spicodiaptomus	chilospinus	Calanoid copepod	MOR	MOR	MORT	LC50*		1	d	0.006		mg/L	100	5264
Permethrin	Spicodiaptomus	chilospinus	Calanoid copepod	MOR	MOR	MORT	LC50*		2	d	0.005		mg/L	100	5264
Permethrin	Glyptotendipes	paripes	Midge	MOR	MOR	MORT	LC50		1	d	0.0024		mg/L	100	5559
Permethrin	Goeldichironomus	holoprasinus	Midge	MOR	MOR	MORT	LC50		1	d	0.0014		mg/L	100	5559
Permethrin	Chironomus	decorus	Midge	MOR	MOR	MORT	LC50		1	d	0.0045		mg/L	100	5559
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		4	d	0.012		mg/L	100	5806
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00291		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00233		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00292		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00188		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.0024		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00116		mg/L	100	6899
Permethrin	Simulium	squamosum	Blackfly	MOR	MOR	MORT	LC50		0.125	d	0.00142		mg/L	100	6899
Permethrin	Salvelinus	malma	Dolly varden	MOR	MOR	MORT	NR-ZERO		1	d	0.00014		mg/L	100	7354
Permethrin	NR	Insecta	Insect class	MOR	MOR	MORT	NR-ZERO		1	d	0.00014		mg/L	100	7354
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		0.2916667	d	0.00135		mg/L	100	9295
Permethrin	NR	Odonata	Dragonfly order	MOR	MOR	MORT	LC50		1	d	0.0029		mg/L	100	9304
Permethrin	Hydrophilus	sp.	Black beetle	MOR	MOR	MORT	LC50		1	d	0.045		mg/L	100	9304
Permethrin	NR	Hydropsychidae	Caddisfly family	MOR	MOR	MORT	LC50		1	d	0.0059		mg/L	100	9304
Permethrin	Hexagenia	rigida	Mayfly	MOR	MOR	MORT	LC50		0.25	d	0.00058 TO 0.00206		mg/L	100	10227

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Hexagenia	rigida	Mayfly	MOR	MOR	MORT	NR-LETH		7 d		0.00763		mg/L	100	10227
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	MOR	MOR	MORT	NR-LETH		6 d		0.042		mg/L	100	10467
(+)-cis-Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.00036		mg/L	100	11492
(+)-trans-Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.003		mg/L	100	11492
(+)-trans-Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.0029		mg/L	100	11493
Permethrin	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	LC50		1 d		0.022		mg/L	100	11799
Permethrin	Chironomus	salinarius	Midge	MOR	MOR	MORT	LC50		1 d		0.000073		mg/L	100	11927
Permethrin	Rana	catesbeiana	Bullfrog	MOR	MOR	MORT	LC50		4 d		0.115		mg/L	100	12004
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		2 d		0.0014		mg/L	100	12004
Permethrin	Oncorhynchus	mykiss	Rainbow trout, donalds on trout	MOR	MOR	MORT	LC50		4 d		0.00547		mg/L	100	12004
Permethrin	Lepomis	macrochirus	Bluegill	MOR	MOR	MORT	LC50		4 d		0.00581		mg/L	100	12004
Permethrin	Lepomis	macrochirus	Bluegill	MOR	MOR	MORT	LC50		4 d		0.00456		mg/L	100	12004
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.64		mg/L	100	12004
Permethrin	Tanytarsus	dissimilis	Midge	MOR	MOR	MORT	LC50		2 d		0.0025		mg/L	100	12004
Permethrin	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC50		4 d		0.228		mg/L	100	12004
Permethrin	Carassius	auratus	Goldfish	MOR	MOR	MORT	LC50		4 d		0.197		mg/L	100	12004
Permethrin	Ictalurus	punctatus	Channel catfish	MOR	MOR	MORT	LC50		4 d		0.00344		mg/L	100	12004
Permethrin	Ictalurus	punctatus	Channel catfish	MOR	MOR	MORT	LC50		4 d		0.00206		mg/L	100	12004
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		2 d		0.0025		mg/L	100	12004
Permethrin	Orconectes	immunis	Crayfish	MOR	MOR	MORT	LC50		4 d		0.0012		mg/L	100	12004
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		4 d		0.00462		mg/L	100	12004
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		4 d		0.00802		mg/L	100	12004
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.00098		mg/L	100	12051
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		1 d		0.00027		mg/L	100	12051
Permethrin	Gammarus	pseudolimnaeus	Scud	MOR	MOR	MORT	LC50		2 d		0.00037		mg/L	100	12268
Permethrin	Gammarus	pseudolimnaeus	Scud	MOR	MOR	MORT	LC50		2 d		0.00025		mg/L	100	12268

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		2 d		0.00069		mg/L	100	12268
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		3 d		0.00152		mg/L	100	12268
Permethrin	Aedes	aegypti	Yellow fever mosquito	MOR	MOR	MORT	LC50		3.5 d		0.0017		mg/L	100	12268
Permethrin	Simulium	venustum	Blackfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00448		mg/L	100	12547
Permethrin	Pycnopsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00317		mg/L	100	12547
Permethrin	Pycnopsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00702		mg/L	100	12547
Permethrin	Ophiogomphus	sp.	Dragonfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00437		mg/L	100	12547
Permethrin	Simulium	venustum	Blackfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00375		mg/L	100	12547
Permethrin	Isonychia	sp.	Mayfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00438		mg/L	100	12547
Permethrin	Orconectes	propinquus	Crayfish	MOR	MOR	MORT	LC50		4.17E-02 d		0.00104		mg/L	100	12547
Permethrin	Acroneuria	abnormis	Common stonefly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00099		mg/L	100	12547
Permethrin	Ophiogomphus	sp.	Dragonfly	MOR	MOR	MORT	LC50		4.17E-02 d		0.00714		mg/L	100	12547
Permethrin	Simulium	venustum	Blackfly	MOR	MOR	MORT	LC50		2 d		0.0045		mg/L	100	12682
Permethrin	Pycnopsyche	sp.	Caddisfly	MOR	MOR	MORT	LC50		2 d		0.0032		mg/L	100	12682
Permethrin	Ophiogomphus	sp.	Dragonfly	MOR	MOR	MORT	LC50		2 d		0.0074		mg/L	100	12682
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.016		mg/L	100	12859
Permethrin	Acanthodiaptomus	sp.	Copepod	MOR	MOR	MORT	NR-LETH		30 d		0.01		mg/L	100	12918
Permethrin	Chaoborus	flavicans	Midge	MOR	MOR	MORT	NR-LETH		30 d		0.0015 TO 0.01		mg/L	100	12918
Permethrin	Americamysis	bahia	Opossum shrimp	MOR	MOR	MORT	LC50		4 d		0.000095		mg/L	100	13513
Permethrin	Procambarus	clarkii	Red swamp crayfish	MOR	MOR	MORT	NR-LETH		1 d				mg/L	100	14645
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.0305		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.0054		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.019		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.054		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.0145		mg/L	92.15	15277

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.047		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.0035		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.02		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.038		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.042		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.0069		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.031		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.0105		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.0074		mg/L	92.15	15277
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		0.062		mg/L	92.15	15277
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00095		mg/L	100	16077
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		4400		mg/L	100	17297
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		2300		mg/L	100	17297
Permethrin	Anopheles	stephensi	Mosquito	MOR	MOR	MORT	NR-LETH		0.25 TO 0.75 d		10		mg/L	100	17536
Permethrin	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	LC50		2 d		0.011		mg/L	100	17866
Permethrin	Oryzias	latipes	Medaka, high-eyes	MOR	MOR	MORT	LC50		1 d		0.024		mg/L	100	17866
Permethrin	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50		1 d		0.0166		mg/L	100	18819
Permethrin	Aedes	hendersoni	mosquito	MOR	MOR	MORT	LC50		1 d		0.003507		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00623		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00768		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00839		mg/L	100	18844
Permethrin	Aedes	atropalpus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.006168		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00738		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00446		mg/L	100	18844
Permethrin	Aedes	triseriatus	Mosquito	MOR	MOR	MORT	LC50		1 d		0.00639		mg/L	100	18844
Permethrin	Physa	fontinalis	Bladder snail	MOR	MOR	MORT	NR-LETH		15 d		0.004		mg/L	100	20618
Permethrin	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50		3 d		0.00462		mg/L	100	48349
Permethrin	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50		2 d		0.00927		mg/L	100	48349

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50		1 d		0.0344		mg/L	100	48349
Permethrin	Chironomus	riparius	Midge	MOR	MOR	MORT	LC50		4 d		0.00289		mg/L	100	48349
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		4 d		2.57992		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		3 d		3.17968		mg/L	95.2	56161
Permethrin	Scaphirhynchus	platyrhynchus	Shovelnose sturgeon	MOR	MOR	MORT	LC50		0.5 d		9.52		mg/L	95.2	56161
Permethrin	Scaphirhynchus	platyrhynchus	Shovelnose sturgeon	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		4 d		3.17968		mg/L	95.2	56161
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		0.25 d		4.10312		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		0.5 d		9.52		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		1 d		9.52		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		2 d		9.52		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		3 d		9.52		mg/L	95.2	56161
Permethrin	Bufo	boreas	Western toad	MOR	MOR	MORT	LC50		4 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		0.5 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		1 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		2 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		3 d		9.52		mg/L	95.2	56161
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		4 d		9.52		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		0.5 d		5.3312		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		1 d		4.05552		mg/L	95.2	56161
Permethrin	Etheostoma	rubrum	Bayou darter	MOR	MOR	MORT	LC50		2 d		3.17968		mg/L	95.2	56161
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		3 d		2.57992		mg/L	95.2	56161
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		2 d		2.57992		mg/L	95.2	56161

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		1 d		2.57992		mg/L	95.2	56161
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		0.5 d		2.9512		mg/L	95.2	56161
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50		2 d		1.2		mg/L	100	56989
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50		2 d		16.32		mg/L	100	56989
Permethrin	Anopheles	quadrimaculatus	Common malaria mosquito	MOR	MOR	MORT	LC50		2 d		0.001		mg/L	100	56989
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		1 d		193.1		mg/L	100	56989
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		2 d		25119		mg/L	100	56989
Permethrin	Gambusia	affinis	Western mosquitofish	MOR	MOR	MORT	LC50		2 d		0.0027		mg/L	100	56989
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2 d		33.9		mg/L	100	56989
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2 d		75		mg/L	100	56989
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NR-ZERO		2 d		237		ml/ha	100	56989
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NR-ZERO		2 d		219		ml/ha	100	56989
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NR-LETH		2 d		219		ml/ha	100	56989
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		2 d		38.1		mg/L	100	56989
Permethrin	Daphnia	pulex	Water flea	MOR	MOR	MORT	LC50		1 d		1		mg/L	100	56989
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		2 d		0.0006		mg/L	100	56989
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		4 d		0.022848		mg/L	95.2	65396
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		1 d		0.0238		mg/L	95.2	65396
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.5 d		0.0238		mg/L	95.2	65396
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		4 d		0.005712		mg/L	95.2	65396
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		1 d		0.0084728		mg/L	95.2	65396
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.5 d		0.0124712		mg/L	95.2	65396
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		4 d		0.0238		mg/L	95.2	65396
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		1 d		0.0238		mg/L	95.2	65396
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.5 d		0.0238		mg/L	95.2	65396

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.5 d		0.0127568		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		4 d		0.0015232		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		1 d		0.0018088		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.5 d		0.0031416		mg/L	95.2	65396
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		4 d		0.0016184		mg/L	95.2	65396
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		1 d		0.0021896		mg/L	95.2	65396
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.5 d		0.0037128		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		4 d		0.000952		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		1 d		0.000952		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.5 d		0.000952		mg/L	95.2	65396
Permethrin	Cyprinodon	bovinus	Leon Springs pupfish	MOR	MOR	MORT	LC50		4 d		0.019992		mg/L	95.2	65396
Permethrin	Cyprinodon	bovinus	Leon Springs pupfish	MOR	MOR	MORT	LC50		1 d		0.017136		mg/L	95.2	65396
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		0.0055216		mg/L	95.2	65396
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		0.0036176		mg/L	95.2	65396
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		0.0031416		mg/L	95.2	65396
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		0.0089488		mg/L	95.2	65396

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	MOR	MOR	MORT	LC50		1 d		0.020944		mg/L	95.2	65396
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	MOR	MOR	MORT	LC50		4 d		0.016184		mg/L	95.2	65396
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		1 d		0.0092344		mg/L	95.2	65396
Permethrin	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	SURV	LD50		1 d		0.29		mg/L	10	70395
Permethrin	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	SURV	LD05		1 d		0.13		mg/L	10	70395
Permethrin	Mesocyclops	longisetus	Copepod	MOR	MOR	MORT	NR-ZERO		4.17E-02 d		1.5 TO 3		ml	10	70395
Permethrin	Mesocyclops	ruttneri	Copepod	MOR	MOR	SURV	LD95		1 d		7.7		mg/L	10	70395
Permethrin	Mesocyclops	ruttneri	Copepod	MOR	MOR	SURV	LD50		1 d		1.9		mg/L	10	70395
Permethrin	Macrocyclus	albidus	Cyclopoid copepod	MOR	MOR	SURV	LD95		1 d		0.61		mg/L	10	70395
Permethrin	Acanthocyclops	vernalis	Cyclopoid copepod	MOR	MOR	SURV	LD05		1 d		0.33		mg/L	10	70395
Permethrin	Mesocyclops	ruttneri	Copepod	MOR	MOR	SURV	LD05		1 d		0.49		mg/L	10	70395
Permethrin	Acanthocyclops	vernalis	Cyclopoid copepod	MOR	MOR	SURV	LD95		1 d		9.7		mg/L	10	70395
Permethrin	Aedes	albopictus	Mosquito	MOR	MOR	MORT	NR-LETH		4.17E-02 d		3		ml	10	70395
Permethrin	Acanthocyclops	vernalis	Cyclopoid copepod	MOR	MOR	SURV	LD50		1 d		1.8		mg/L	10	70395
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		3 d		1.32328		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		4 d		1.26616		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		4 d		2.0944		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		3 d		2.06584		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		2 d		2.10392		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		1 d		2.50376		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.75 d		2.82744		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.5 d		3.87464		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.375	d	4.82664		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.25	d	7.68264		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50			3 d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50			3 d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50			2 d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50			1 d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.75	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.5	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.375	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.25	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.375	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.25	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.375	d	23.8		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.5	d	12.4236		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.75	d	8.60608		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		1	d	8.44424		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		2	d	7.83496		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		3	d	7.5684		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		4	d	7.3304		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		4	d	4.3792		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		3	d	4.73144		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		2	d	16.59336		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		1	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.75	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.5	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.375	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.375	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.5	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.75	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		1	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		2	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		3	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		4	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		4	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		3	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		2	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		1	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.75	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.5	d	23.8		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.375	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.25	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.375	d	5.43592		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.5	d	4.4268		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.75	d	2.91312		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		1	d	2.48472		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		2	d	2.12296		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		3	d	2.0944		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		4	d	2.0944		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		4	d	1.08528		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		3	d	1.08528		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		2	d	1.10432		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		1	d	1.35184		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.75	d	1.666		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.5 d		2.26576		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.375 d		2.67512		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.25 d		4.20784		mg/L	95.2	73668
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.375 d		5.6168		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.5 d		3.5224		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		0.75 d		1.96112		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		1 d		1.86592		mg/L	95.2	73668
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		2 d		1.53272		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		3.56048		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		3.40816		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		3.40816		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		3.4272		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		2.54184		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		2.54184		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		2.72272		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		2.93216		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75 d		3.22728		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		4.88376		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375 d		6.60688		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375 d		8.06344		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		6.06424		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75 d		4.76		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		4.3792		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		4.25544		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		4.1888		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		4.1888		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		1.5708		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		1.5708		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		1.5708		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		2.07536		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75 d		2.51328		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		3.22728		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375 d		4.20784		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25 d		7.25424		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375 d		9.11064		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		7.91112		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75 d		6.08328		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		5.712		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		5.712		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		5.712		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		4.5696		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		4 d		3.7128		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		3 d		3.68424		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		2 d		3.808		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		1 d		3.9984		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75 d		2.82744		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5 d		5.67392		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375 d		6.81632		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25 d		9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125 d		9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.125 d		23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.25 d		23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.375 d		23.8		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.5	d	23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.75	d	23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		1	d	23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		2	d	23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		3	d	23.8		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		4	d	23.2288		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		4	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		3	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		2	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		1	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.75	d	9.52		mg/L	95.2	73668
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		0.5	d	9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2	d	15.9936		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3	d	15.1368		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4	d	14.9464		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4	d	6.35936		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3 d		7.87304		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2 d		8.50136		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		8.81552		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75 d		9.282		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5 d		9.758		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375 d		11.92856		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25 d		23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125 d		23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125 d		23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25 d		23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375 d		23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5 d		16.48864		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75 d		9.55808		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		9.22488		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2 d		8.32048		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3 d		8.32048		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		8.52992		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4 d		9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3 d		9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2 d		9.84368		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1 d		10.57672		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75 d		10.81472		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5	d	12.98528		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375	d	16.65048		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25	d	9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375	d	9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5	d	9.52		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75	d	9.46288		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1	d	9.02496		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2	d	8.76792		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3	d	8.76792		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4	d	8.53944		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4	d	7.70168		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		3	d	7.70168		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		2	d	8.1396		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		1	d	8.79648		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.75	d	9.53904		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.5	d	12.78536		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.375	d	13.24232		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.25	d	23.8		mg/L	95.2	73668
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		0.125	d	23.8		mg/L	95.2	73668

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.125	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.25	d	9.52		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.375	d	9.25344		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.5	d	6.30224		mg/L	95.2	73668
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donalds on trout	MOR	MOR	MORT	LC50		0.75	d	3.96032		mg/L	95.2	73668
Permethrin	Bufo	boreas	Boreal Toad	MOR	MOR	MORT	LC50		4	d	0.01		mg/L	95.2	81380
Permethrin	Etheostoma	lepidum	Greenthroat darter	MOR	MOR	MORT	LC50		4	d	0.00271		mg/L	95.2	81380
Permethrin	Cyprinodon	variegatus	Sheepshead minnow	MOR	MOR	MORT	LC50		4	d	0.017		mg/L	95.2	81380
Permethrin	Pimephales	promelas	Fathead minnow	MOR	MOR	MORT	LC50		4	d	0.00938		mg/L	95.2	81380
Permethrin	Poeciliopsis	occidentalis	Gila topminnow	MOR	MOR	MORT	LC50		4	d	0.01		mg/L	95.2	81380
Permethrin	Notropis	mekistocholas	Cape Fear Shiner	MOR	MOR	MORT	LC50		4	d	0.00416		mg/L	95.2	81380
Permethrin	Erimonax	monachus	Spotfin Chub	MOR	MOR	MORT	LC50		4	d	0.0017		mg/L	95.2	81380
Permethrin	Etheostoma	fonticola	Fountain darter	MOR	MOR	MORT	LC50		4	d	0.00334		mg/L	95.2	81380
Permethrin	Cyprinodon	bovinus	Leon Springs pupfish	MOR	MOR	MORT	LC50		4	d	0.021		mg/L	95.2	81380
Permethrin	Oncorhynchus	clarkii	Greenback cutthroat trout	MOR	MOR	MORT	LC50		4	d	0.001		mg/L	95.2	81380
Permethrin	Oncorhynchus	gilae	Apache trout	MOR	MOR	MORT	LC50		4	d	0.00171		mg/L	95.2	81380
Permethrin	Oncorhynchus	clarki	Lahontan cutthroat trout	MOR	MOR	MORT	LC50		4	d	0.00158		mg/L	95.2	81380
Permethrin	Gila	elegans	Bonytail	MOR	MOR	MORT	LC50		4	d	0.025		mg/L	95.2	81380
Permethrin	Xyrauchen	texanus	Razorback sucker	MOR	MOR	MORT	LC50		4	d	0.00595		mg/L	95.2	81380
Permethrin	Ptychocheilus	lucius	Colorado squawfish	MOR	MOR	MORT	LC50		4	d	0.0244		mg/L	95.2	81380

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Acipenser	oxyrhynchus	Atlantic sturgeon	MOR	MOR	MORT	LC50		4 d		0.0012		mg/L	95.2	81380
Permethrin	Acipenser	brevirostrum	Shortnose sturgeon	MOR	MOR	MORT	LC50		4 d		0.0012		mg/L	95.2	81380
Permethrin	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	MOR	MOR	MORT	LC50		4 d		0.00331		mg/L	95.2	81380
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	LC50		2 d		0.00303		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	LC50		3 d		0.00291		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	LC50		4 d		0.00286		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	LOEC		96 d		0.0023		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	NOEC		96 d		0.0016		mg/L	>92	81394
Permethrin	Salvelinus	fontinalis	Brook trout	MOR	MOR	MORT	LC50		1 d		0.0048		mg/L	>92	81394
Permethrin	Lampsilis	cardium	Plain Pocketbook	MOR	MOR	MORT	LC50		1 d		0.0149		mg/L	100	81810
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	NOEC		1 d		0.0086		mg/L	100	81810
Permethrin	Ceriodaphnia	dubia	Water flea	MOR	MOR	MORT	LC50		1 d		0.0087		mg/L	100	81810
Permethrin	Lampsilis	cardium	Plain Pocketbook	MOR	MOR	MORT	NOEC		1 d		0.0584		mg/L	100	81810
Permethrin	Leptodea	fragilis	Fragile Papershell	MOR	MOR	MORT	LC50		1 d		3.515		mg/L	100	81810
Permethrin	Leptodea	fragilis	Fragile Papershell	MOR	MOR	MORT	NOEC		1 d		0.0647		mg/L	100	81810
Permethrin	Ligumia	subrostrata	Pondmussel	MOR	MOR	MORT	LC50		1 d		1.74		mg/L	100	81810
Permethrin	Ligumia	subrostrata	Pondmussel	MOR	MOR	MORT	NOEC		1 d		0.471		mg/L	100	81810
Permethrin	Utterbackia	imbecillis	Paper pondshell	MOR	MOR	MORT	LC50		1 d		1.714		mg/L	100	81810
Permethrin	Utterbackia	imbecillis	Paper pondshell	MOR	MOR	MORT	NOEC		1 d		0.1495		mg/L	100	81810
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	LC50		1 d		0.0124		mg/L	100	81810
Permethrin	Daphnia	magna	Water flea	MOR	MOR	MORT	NOEC		1 d		0.0054		mg/L	100	81810
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC10		1 d		0.001		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC80		1 d		0.002		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC70		1 d		0.0018		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC60		1 d		0.0016		mg/L	99.4	82053

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC95		1 d		0.0025		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC50		1 d		0.0015		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	NR-ZERO		1 d		0.00052		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC90		1 d		0.0023		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC20		1 d		0.0011		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC30		1 d		0.0012		mg/L	99.4	82053
Permethrin	Culex	quinquefasciatus	Southern house mosquito	MOR	MOR	MORT	LC40		1 d		0.0013		mg/L	99.4	82053
Permethrin	Chironomus	tentans	Midge	MOR	MOR	MORT	LC50		4 d		0.01045		mg/L	100	90039
Permethrin	Procladius	sp.	Mayfly	MOR	MOR	MORT	LC50		2 d		0.0000896		mg/L	100	90039
Permethrin	Hyalella	azteca	Scud	MOR	MOR	MORT	LC50		4 d		0.0000212		mg/L	100	90039
Permethrin	NR	Odonata	Dragonfly order	MOR	MOR	MORT	LD50		1 d		0.9024		AI ng/mg bdwt	96	9304
Permethrin	Simulium	vittatum	Blackfly	MOR	MOR	MORT	LD50		1 d		4.992		AI ng/mg bdwt	96	9304
Permethrin	NR	Hydropsychidae	Caddisfly family	MOR	MOR	MORT	LD50		1 d		2.688		AI ng/mg bdwt	96	9304
Permethrin	Hydrophilus	sp.	Black beetle	MOR	MOR	MORT	LD50		1 d		10.56		AI ng/mg bdwt	96	9304
Permethrin	Hippodamia	convergens	Convergent lady beetle	MOR	MOR	MORT	LD50		1 d		37.44		AI ng/mg bdwt	96	9304
Permethrin	Musca	domestica	House fly	MOR	MOR	MORT	LD50		1 d		66.24		AI ng/mg bdwt	96	9304
Permethrin	NR	Heptageniidae	Mayfly family	MOR	MOR	MORT	LD50		1 d		0.7008		AI ng/mg bdwt	96	9304
Permethrin	Ostrinia	nubilalis	European corn borer	MOR	MOR	MORT	LD50		1 d		3.744		AI ng/mg bdwt	96	9304
Permethrin	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LD50		18 d		40		lb/acre	100	35249
Permethrin	Eisenia	fetida	earthworm	MOR	MOR	MORT	LC50		2 d		1000		AI ug/cm2	100	40531
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		1 d		0.005		mg/L	2.5	99469

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		4	d	0.005		mg/L	2.5	99469
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	MOR	MOR	MORT	EC50		21	d	0.00075(0.0005 TO 0.001)		mg/L	2.5	99469
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		3	d	146.1		mg/kg bdwt	97.4	68067
Permethrin	Brassica	oleracea	Cabbage	GRO	MPH	WGHT	NOAEL		na	hv	0.09812		lb/acre	100	98228
Permethrin	Brassica	oleracea	Cabbage	GRO	MPH	WGHT	NOAEL		na	hv	0.09812		lb/acre	100	98228
Permethrin	Brassica	oleracea	Cabbage	GRO	MPH	WGHT	NOAEL		na	hv	0.09812		lb/acre	100	98228
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		5	d	589		mg/kg bdwt	95	51152
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		22	d	300		mg/kg bdwt	94	76830
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		728	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		5	d	73.05		mg/kg bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		5	d	73.05		mg/kg bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	NOAEL		730	d	500		ppm	100	100142
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	NOAEL		180	d	500		ppm	100	100142
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	GRO	MPH	LGTH	LOAEL		21	d	0.012		mg/L	100	99469
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	180	d	86.6757	172.605	ppm	93.3	99655
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	180	d	102.63	206.193	ppm	93.3	99655
(+)-cis-Permethrin	Mus	musculus	House mouse	GRO	MPH	WGHT	NOAEL		42	d	69.44		ppm	99.2	99535
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		42	d	2000		ppm	100	76881
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		3	d	96		ppm	96	76653
Permethrin	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		40	d	4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	MPH	THIK	LOAEL		12	d	0.458		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		43	d	4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	MPH	THIK	LOAEL		15	d	0.458		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		53	d	4.58		ul/d	91.6	99916
Permethrin	Mus	musculus	House mouse	GRO	MPH	THIK	LOAEL		29	d	0.458		ul/d	91.6	99916

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		60	d	4.58		ul/d	91.6	99916
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		28	d	12.3732		mg/kg bdwt	98.2	78435
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	60	d	15	150	mg/kg bdwt	94	76643
Permethrin	Coturnix	coturnix	Quail	GRO	MPH	WGHT	LOAEL		7	d	1860		ppm	93	38526
Permethrin	Mus	musculus	House mouse	GRO	MPH	SMIX	NOAEL		13	d	0.4		mg/kg bdwt	100	47625
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	4	d	193.2	772.8	mg/kg	96.6	100429
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL		11	d	96.6		mg/kg bdwt	96.6	100429
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		5	d	146.1		mg/kg bdwt	97.4	68067
Permethrin	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		28	d	12.34374		mg/kg bdwt	98.2	50488
Permethrin	Lampsilis	siliquoidea	Lamp-mussel	GRO	MPH	LGTH	NOAEL		21	d	0.000625		mg/L	2.5	99469
Permethrin	Lactuca	sativa	Lettuce	PHY	PHY	STOC	LOAEL		8	d	0.90092		lb/acre	100	41092
Permethrin	Zea	mays	Corn	PHY	PHY	PSYN	LOAEL		14	d	0.19624		lb/acre	100	64451
Permethrin	Zea	mays	Corn	PHY	PHY	PSYN	NOAEL		3	d	0.19624		lb/acre	100	64451
Permethrin	Medicago	sativa	Alfalfa	PHY	PHY	PSYN	NOAEL		2	d	0.149856		lb/acre	100	64569
Permethrin	Medicago	sativa	Alfalfa	PHY	PHY	PSYN	NOAEL		1	d	0.49952		lb/acre	100	64569
Permethrin	Glycine	max	Soybean	PHY	PHY	PSYN	NOAEL		1	d	0.149856		lb/acre	100	64569
Permethrin	Glycine	max	Soybean	PHY	PHY	PSYN	NOAEL		3	d	0.149856		lb/acre	100	64569
Permethrin	Glycine	max	Soybean	PHY	PHY	PSYN	NOAEL		1	d	0.149856		lb/acre	100	64569
Permethrin	Glycine	max	Soybean	PHY	PHY	PSYN	NOAEL		1	d	0.149856		lb/acre	100	64569
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL		22	d	300		mg/kg bdwt	94	76830
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	CMRB	LOAEL		30	d	0.13		mg/kg/d	93.6	89117
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL		364	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	PTIM	NOAEL		728	d	2347.5		ppm	93.9	86134
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	BTMP	LOAEL		0.2083333	d	45		mg/kg bdwt	97.8	99911
Permethrin	Anabaena	inaequalis	Blue-green algae	PHY	PHY	NFIX	EC50		8.33E-02	d	100		mg/L	100	4684
3-Phenoxybenzoic acid	Anabaena	inaequalis	Blue-green algae	PHY	PHY	NFIX	EC50		8.33E-02	d	35		mg/L	100	4684
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	SZRE	LOAEL		0.2083333	d	180		ppm	100	99917
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	PERM	NOAEL		60	d	1.3		mg/kg	93.6	99654
Permethrin	Cavia	porcellus	Guinea Pig	PHY	PHY	NRXN	LOAEL		1	d	150		mg/kg	100	80607
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	LDPX	LOAEL		7	d	34.05		mg/kg bdwt	94	99536

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Rattus	norvegicus	Norway rat	PHY	PHY	PERM	LOAEL		60	d	15		mg/kg bdwt	94	76643
Permethrin	Bos	taurus	Domesticated cattle	PHY	PHY	MILK	NOAEL		4	d	0.106		%	100	38025
Permethrin	Bos	taurus	Domesticated cattle	PHY	PHY	MILK	NOAEL		6	d	0.051		%	100	38025
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SBNF	NOEC	LOEC	NR	ht	0.025	0.05	mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SBNF	LOEC		7	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SBNF	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SBNF	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Oryzias	latipes	Medaka, high-eyes	PHY	PHY	SBNF	LOEC		8	d	0.0967		mg/L	100	68254
Permethrin	Algae	Algae	Algae	PHY	PHY	PSYN	NOAEL		0.125	d	0.01		mg/L	100	99607
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	CNTL	LOAEL		28	d	0.1		Al lb/acre	100	82465
Permethrin	Pseudoplusia	includens	Soybean looper	POP	POP	CNTL	NOAEL		3	d	0.2		Al lb/acre	100	82464
Permethrin	Ostrinia	nubilalis	European corn borer	POP	POP	CNTL	NOAEL		52	d	0.15		Al lb/acre	100	82474
Permethrin	Ostrinia	nubilalis	European corn borer	POP	POP	CNTL	NOAEL		52	d	0.15		Al lb/acre	100	82474
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	CNTL	LOAEL		20	d	0.2		Al lb/acre	100	82477
Permethrin	Pieris	rapae	Cabbage white	POP	POP	CNTL	LOAEL		20	d	0.2		Al lb/acre	100	82477
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		30	d	0.15		Al lb/acre	100	82238
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		30	d	0.15		Al lb/acre	100	82238
Permethrin	Brassica	oleracea	Cabbage	POP	POP	BMAS	NOAEL		30	d	0.15		Al lb/acre	100	82238
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		28	d	0.2		Al lb/acre	100	82725
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		28	d	0.2		Al lb/acre	100	82725
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	NOAEL		28	d	0.2		Al lb/acre	100	82725
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	NOAEL		10	d	0.15		Al lb/acre	100	82234

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	LOAEL		10	d	0.15		Al lb/acre	100	82234
Permethrin	NR	Nabidae	Damselbug family	POP	POP	ABND	NOAEL		2	d	0.112		ai kg/ha	100	82481
Permethrin	Brassica	oleracea	Cabbage	POP	POP	BMAS	NOAEL			hv	0.15		Al lb/acre	100	82472
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		>=27	d	0.15		Al lb/acre	100	82472
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	LOAEL		>=27	d	0.15		Al lb/acre	100	82472
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		>=3	d	0.15		Al lb/acre	100	82472
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	NOAEL		25	d	0.15		Al lb/acre	100	82447
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	LOAEL		7	d	0.15		Al lb/acre	100	82447
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		7	d	0.15		Al lb/acre	100	82447
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		25	d	0.15		Al lb/acre	100	82447
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	NOAEL		25	d	0.1		Al lb/acre	100	82447
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	LOAEL		7	d	0.1		Al lb/acre	100	82447
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		7	d	0.1		Al lb/acre	100	82447
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		7	d	0.1		Al lb/acre	100	82447
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	LOAEL		25	d	0.1		Al lb/acre	100	82447
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	LOAEL		18	d	0.15		Al lb/acre	100	82448
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		21	d	10		ppm	92	69689
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		21	d	10		ppm	50	69689
Permethrin	Cajanus	cajan	Pigeonpea	POP	POP	BMAS	NOAEL		na	hv	0.006		%	100	89154
Permethrin	Myzus	persicae	Green peach aphid	POP	POP	ABND	NOAEL		~120	d	0.2		Al lb/acre	100	88779
Permethrin	Nicotiana	tabacum	Tobacco	POP	POP	BMAS	NOAEL		NA	hv	0.2		Al lb/acre	100	88779
Permethrin	Epitrix	hertipennis	Tobacco Flea Beetle	POP	POP	ABND	NOAEL		~60	d	0.2		Al lb/acre	100	88779
Permethrin	Manduca	sexta	Hawk Moth	POP	POP	ABND	NOAEL		~45	d	0.2		Al lb/acre	100	88779
Permethrin	Myzus	persicae	Green peach aphid	POP	POP	ABND	NOAEL		~120	d	0.2		Al lb/acre	100	88779
Permethrin	Nicotiana	tabacum	Tobacco	POP	POP	BMAS	NOAEL		NA	hv	0.2		Al lb/acre	100	88779

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Epitrix	hertipennis	Tobacco Flea Beetle	POP	POP	ABND	NOAEL		~60	d	0.2		Al lb/acre	100	88779
Permethrin	Manduca	sexta	Hawk Moth	POP	POP	ABND	NOAEL		~45	d	0.2		Al lb/acre	100	88779
Permethrin	Zea	mays	Corn	POP	POP	BMAS	NOAEL		8	d	0.099904		lb/acre	100	88711
Permethrin	Zea	mays	Corn	POP	POP	BMAS	NOAEL		8	d	0.07582		lb/acre	100	88711
Permethrin	Lipaphis	erysimi	Turnip aphid	POP	POP	ABND	LOAEL		5	d	0.5		Al lb/acre	100	73094
Permethrin	Brassica	napus	Colza	POP	POP	BMAS	NOAEL		~60	d	0.5		Al lb/acre	100	73094
Permethrin	Lipaphis	erysimi	Turnip aphid	POP	POP	ABND	LOAEL		3	d	0.1		Al lb/acre	100	73094
Permethrin	Myzus	persicae	Green peach aphid	POP	POP	ABND	LOAEL		3	d	0.1		Al lb/acre	100	73094
Permethrin	NR	Aphididae	Aphid family	POP	POP	ABND	LOAEL		3	d	0.1		Al lb/acre	100	73094
Permethrin	Brassica	napus	Colza	POP	POP	BMAS	NOAEL		~60	d	0.1		Al lb/acre	100	73094
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		7	d	9.4		ppm	>=94	93645
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		7	d	9.4		ppm	>=94	93646
Permethrin	Hypera	postica	Weevil	POP	POP	ABND	LOAEL		7	d	0.2		Al lb/acre	100	88952
Permethrin	Hypera	postica	Weevil	POP	POP	ABND	LOAEL		7	d	0.2		Al lb/acre	100	88952
Permethrin	Hypera	postica	Weevil	POP	POP	ABND	LOAEL		7	d	0.2		Al lb/acre	100	88952
Permethrin	Medicago	sativa	Alfalfa	POP	POP	BMAS	NOAEL		NA	hv	0.2		Al lb/acre	100	88952
Permethrin	Medicago	sativa	Alfalfa	POP	POP	BMAS	NOAEL		NA	hv	0.2		Al lb/acre	100	88952
Permethrin	Medicago	sativa	Alfalfa	POP	POP	BMAS	NOAEL		NA	hv	0.2		Al lb/acre	100	88952
Permethrin	Trichoplusia	ni	Cabbage looper	POP	POP	ABND	NOAEL		22	d	0.11		ai kg/ha	100	98228
Permethrin	Pieris	rapae	Cabbage white	POP	POP	ABND	NOAEL		22	d	0.11		ai kg/ha	100	98228
Permethrin	Plutella	xylostella	Diamondback moth	POP	POP	ABND	LOAEL		22	d	0.11		ai kg/ha	100	98228
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL	LOAEL	2	d	5	10	ppm	>=94	54977
Permethrin	Trichoderma	viride	Fungi	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Arthrobotrys	botryospora	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Fusarium	oxysporum	Fungi	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Botrytis	allii	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Pestalotia	sp.	Fungus	POP	POP	PGRT	EC50		na	cd	29		ppm	86.6	91561
Permethrin	Cochliobolus	sativus	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Sclerotinia	homoeocarpa	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Polyporus	hirsutus	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Mucor	sp.	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Pythium	ultimum	Fungus	POP	POP	PGRT	EC50		na	cd	100		ppm	86.6	91561
Permethrin	Apis	mellifera	Honey bee	POP	POP	ABND	LOAEL		~30	d	0.22		Al kg/ha	100	35386

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Agromyza	frontella	Alfalfa Blotch Leaf Miner	POP	POP	ABND	LOAEL		55 d		0.07		Al kg/ha	50	99781
Permethrin	Medicago	sativa	Alfalfa	POP	POP	ABND	NOAEL		75 d		0.06244		lb/acre	50	99781
Permethrin	Medicago	sativa	Alfalfa	POP	POP	DBMS	NOAEL		<=1	gs	0.1338		lb/acre	50	99781
Permethrin	Medicago	sativa	Alfalfa	POP	POP	DBMS	NOAEL		<=1	gs	0.0892		lb/acre	50	99781
Permethrin	Rogas	sp.	Braconid Wasp	POP	POP	ABND	LOAEL		109 d		62.5		ppm	50	99594
Permethrin	Rogas	sp.	Braconid Wasp	POP	POP	ABND	LOAEL		89 d		62.5		ppm	50	99594
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL		7 d		0.5		ppm	100	99642
Permethrin	NR	Fungi	Fungi Kingdom	POP	POP	ABND	NOAEL		14 d		5		ppm	100	99642
Permethrin	NR	Fabaceae	Bean/legume family	POP	POP	BMAS	NOAEL			hv	0.089		lb/acre	100	77560
Permethrin	Anabaena	inaequalis	Blue-green algae	POP	POP	PSYN	EC50		8.33E-02 d		100		mg/L	100	4684
3-Phenoxybenzoic acid	Anabaena	inaequalis	Blue-green algae	POP	POP	PSYN	EC50		8.33E-02 d		20		mg/L	100	4684
Permethrin	NR	Hymenoptera	Bee order	POP	POP	ABND	NOAEL		14 d		0.1		Al lb/acre	100	88271
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	35		Al g/ha	100	100381
Permethrin	Solenopsis	invicta	Red imported fire ant	POP	POP	ABND	LOAEL		56 d		10		ul	100	99825
Permethrin	Solenopsis	invicta	Red imported fire ant	POP	POP	ABND	LOAEL		56 d		10		ul	100	99825
Permethrin	Diadegma	insulare	Parasitic Wasp	POP	POP	SEXR	LOAEL		3 d		1		ai mg/ml	100	73706
Permethrin	Colletotrichum	truncatum	Fungus	POP	POP	ABND	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Cercospora	sp.	Fungi	POP	POP	ABND	LOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Vigna	unguiculata	Black-eyed pea	POP	POP	BMAS	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Vigna	unguiculata	Black-eyed pea	POP	POP	BMAS	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Colletotrichum	truncatum	Fungus	POP	POP	ABND	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Colletotrichum	truncatum	Fungus	POP	POP	ABND	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Colletotrichum	truncatum	Fungus	POP	POP	ABND	LOAEL		<=1	hv	0.07136		lb/acre	100	82952

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Colletotrichum	truncatum	Fungus	POP	POP	ABND	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Vigna	unguiculata	Black-eyed pea	POP	POP	BMAS	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Vigna	unguiculata	Black-eyed pea	POP	POP	BMAS	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Vigna	unguiculata	Black-eyed pea	POP	POP	ABND	NOAEL		<=1	hv	0.07136		lb/acre	100	82952
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	70		Al g/ha	100	100381
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	140		Al g/ha	100	100381
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	70		Al g/ha	100	100381
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	70		Al g/ha	100	100381
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	70		Al g/ha	100	100381
Permethrin	Euxoa	messoria	Darksided Cutworm	POP	POP	ABND	LOAEL		<=1	gs	70		Al g/ha	100	100381
Permethrin	NR	Plecoptera	Stonefly order	POP	POP	ABND	NOAEL		~117	d	0.00001 TO 0.00096		mg/L	100	14662
Permethrin	Ceratium	hirundinella	Dinoflagellate	POP	POP	ABND	LOAEL			30 d	0.00075		mg/L	100	99607
Permethrin	Tropocyclops	prasinus	Copepod	POP	POP	ABND	NOAEL	LOAEL	~14	d	0.00075	0.0015	mg/L	100	99607
Permethrin	Algae	Algae	Algae	POP	POP	BMAS	NOAEL			30 d	0.0015		mg/L	100	99607
Permethrin	Linepithema	humile	Argentine ant	POP	POP	CNTL	LOAEL			7 d	31.9		Al mg/m2	100	99750
Permethrin	Baetis	flavistriga	Mayfly	POP	POP	ABND	LOEC			9 d	0.016		mg/L	100	96477
Permethrin	Centroptilum	Centroptilum	Mayfly	POP	POP	ABND	LOEC			9 d	0.016		mg/L	100	96477
Permethrin	Eurylophella	funeralis	Mayfly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477
Permethrin	Epeorus	sp.	Mayfly	POP	POP	ABND	LOEC			9 d	0.016		mg/L	100	96477
Permethrin	Heptagenia	flavescens	Mayfly	POP	POP	ABND	LOEC			9 d	0.016		mg/L	100	96477
Permethrin	Stenonema	vicarium	Mayfly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477
Permethrin	Leucrocuta	hebe	Mayfly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477
Permethrin	Habrophlebia	vibrans	Mayfly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477
Permethrin	Paracapnia	opis	stonefly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477
Permethrin	Haploperla	sp.	Green Stonefly	POP	POP	ABND	NOEC			9 d	0.016		mg/L	100	96477

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	NR	Chloroperlidae	Stonefly family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Leuctra	sibleyi	Stonefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Leuctra	tenuis	Rolled-winged stonefly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Acroneuria	abnormis	Common stonefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Isoperla	sp.	Stonefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Taeniopteryx	sp.	Stonefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Ceratopsych	alhedra	Net-spinning Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Diplectrona	sp.	Net-spinning Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Lepidostoma	sp.	Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Dolophilodes	distinctus	Caddisfly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Rhyacophila	fuscula	Primitive caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Rhyacophila	sp.	Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Aeshnidae	Dragonfly family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Elmidae	Riffle beetle family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Ceratopogonidae	Biting midge family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Empididae	Balloon Fly Family	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Simuliidae	Blackfly family	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Chironomidae	Midge family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Antocha	sp.	Cranefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Dicranota	Dicranota	Crane Fly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Baetis	sp.	Mayfly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Eurylophella	sp.	Mayfly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Heptagenia	flavescens	Mayfly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Habrophlebia	vibrans	Mayfly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Leuctra	tenuis	Rolled-winged stonefly	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Isoperla	sp.	Stonefly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Permethrin	Hydropsyche	sp.	Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	Dolophilodes	distinctus	Caddisfly	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Chironomidae	Midge family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Simuliidae	Blackfly family	POP	POP	ABND	NOEC		9 d		0.016		mg/L	100	96477
Permethrin	NR	Tipulidae	Cranefly family	POP	POP	ABND	LOEC		9 d		0.016		mg/L	100	96477
Permethrin	Balanus	amphitrite	Striped barnacle	POP	POP	ABND	LOAEL		180 d		0.05		AI %	100	99905
Permethrin	Balanus	amphitrite	Striped barnacle	POP	POP	ABND	LOAEL		180 d		0.05		AI %	100	99905
Permethrin	NR	Pyrrophycohyta	Dinoflagellate algae division	POP	POP	PSYN	NOAEL		4 d		0.01		mg/L	100	100575
Permethrin	Malus	sp.	Apple	REP	REP	INFL	NOAEL		7 d		0.055536		lb/acre	25	36954
Permethrin	Malus	sp.	Apple	REP	REP	INFL	NOAEL		3 d		0.055536		lb/acre	25	36954
Permethrin	Malus	sp.	Apple	REP	REP	INFL	NOAEL		9 d		0.055536		lb/acre	25	36954
Permethrin	Lupinus	angustifolius	Blue lupine	REP	REP	GERM	NOAEL		16 d		12.5		ppm	25	100120
Permethrin	Lupinus	angustifolius	Blue lupine	REP	REP	GERM	LOAEL		16 d		2.5		ppm	25	100120
(+)-cis-															
Permethrin	Mus	musculus	House mouse	REP	REP	SPCL	LOAEL		42 d		34.72		ppm	99.2	99535
Permethrin	Apis	mellifera	Honey bee	REP	REP	PROG	NOAEL		70 d		0.017		ppm	100	95956
Permethrin	Rattus	norvegicus	Norway rat	REP	REP	PROG	NOAEL		14 d		4000		ppm	100	91695
Permethrin	Mus	musculus	House mouse	REP	REP	PROG	NOAEL	LOAEL	28 d		4.9	9.8	mg/kg bdwt	94	100119
Permethrin	Acropora	millepora	Coral	REP	REP	FERZ	NOEC	LOEC	0.125 d		0.03	0.03	mg/L	100	100575
Permethrin	Acropora	millepora	Coral	REP	REP	FERZ	EC50		0.125 d		0.03		mg/L	100	100575