Caltest Analysis Details

Description: OP Pesticides by 625.1
Analysis Code: OPP.W
Matrix: Water (ML)
Method: EPA 625.1

Caltest ANALYTICAL LABORATORY
ENVIRONMENTAL ANALYSES

							LCS			MS		
CAS#	**Compound Name**	**Reporting**	**Units**	**MDL**	**PQL**	**RDL**	**Spk Conc.**	**Rec. (%)**	**RPD (%)**	**Spk Conc.**	**Rec. (%)**	**RPD (%)**
86-50-0	Azinphos methyl (Guthion)	Included	ug/L	0.010	0.010	0.050	2.0	10-197	30	1.9	28-177	39
2921-88-2	Chlorpyrifos	Included	ug/L	0.0093	0.010	0.010	2.0	40-133	27	1.9	52-133	44
8065-48-3	Demeton -O and -S	Included	ug/L	0.010	0.010	0.10	4.0	19-112	32	3.8	26-126	45
333-41-5	Diazinon	Included	ug/L	0.017	0.020	0.020	2.0	53-110	25	1.9	50-143	43
298-04-4	Disulfoton (Di-Syston)	Included	ug/L	0.018	0.10	0.10	2.0	31-104	28	1.9	35-127	48
563-12-2	Ethion	Included	ug/L	0.010	0.010	0.020	2.0	49-130	26	1.9	40-178	45
121-75-5	Malathion	Included	ug/L	0.019	0.050	0.050	2.0	64-122	20	1.9	56-150	30
56-38-2	Parathion (Parathion ethyl)	Included	ug/L	0.020	0.050	0.050	2.0	43-135	25	1.9	37-151	48
298-00-0	Parathion methyl	Included	ug/L	0.018	0.10	0.10	2.0	24-165	26	1.9	40-171	48
28249-77-6	Thiobencarb	Included	ug/L	0.012	0.020	0.050	2.0	54-116	27	1.9	57-141	42
15972-60-8	Alachlor (Lasso)	Optional	ug/L	0.015	0.020		2.0	14-178	30	1.9	37-154	40
834-12-8	Ametryn	Optional	ug/L	0.014	0.020		2.0	33-156	30	1.9	50-150	40
1610-17-9	Atraton	Optional	ug/L	0.015	0.020		2.0	40-143	30	1.9	54-145	40
1912-24-9	Atrazine (Aatrex)	Optional	ug/L	0.011	0.050		2.0	40-138	26	1.9	50-146	40
35400-43-2	Bolstar (Sulprofos)	Optional	ug/L	0.019	0.050	0.10	2.0	60-140	24	1.9	32-157	47
314-40-9	Bromacil	Optional	ug/L	0.035	0.050	0.050	2.0	4-171	39	1.9	43-154	40
23184-66-9	Butachlor	Optional	ug/L	0.0080	0.010		2.0	60-140	27	1.9	50-170	40
56-72-4	Coumaphos (Co-Ral)	Optional	ug/L	0.021	0.050	0.050	2.0	41-152	30	1.9	35-168	51
21725-46-2	Cyanazine	Optional	ug/L	0.020	0.050		2.0	30-153	45	1.9	44-143	40
126-75-0	Demeton-S	Optional	ug/L	0.012	0.020	0.10	2.0	26-115	31	1.9	27-137	44
298-03-3	Demeton-O	Optional	ug/L	0.0090	0.010	0.10	2.0	16-103	32	1.9	22-121	49
62-73-7	Dichlorvos (DDVS)	Optional	ug/L	0.015	0.10	0.10	2.0	39-117	27	1.9	22-176	44
60-51-5	Dimethoate (Cygon)	Optional	ug/L	0.016	0.020	0.50	2.0	13-154	46	1.9	39-155	32
2104-64-5	EPN	Optional	ug/L	0.032	0.050	0.10	2.0	44-137	26	1.9	1-182	45

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CAS#	Compound Name	Reporting	Units	MDL	PQL	RDL	LCS			MS		
							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
759-94-4	EPTC	Optional	ug/L	0.015	0.10	0.30	2.0	60-140	25	1.9	32-120	55
13194-48-4	Ethoprop	Optional	ug/L	0.010	0.010	0.10	2.0	49-130	29	1.9	49-144	38
115-90-2	Fensulfothion	Optional	ug/L	0.089	0.20	0.50	2.0	22-164	37	1.9	29-178	42
55-38-9	Fenthion	Optional	ug/L	0.0080	0.010	0.050	2.0	29-133	26	1.9	60-133	48
150-50-5	Merphos	Optional	ug/L	0.043	0.10	0.10	2.0	34-112	26	1.9	1-157	23
950-37-8	Methidathion	Optional	ug/L	0.010	0.010	0.10	2.0	39-143	26	1.9	41-178	51
51218-45-2	Metolachlor	Optional	ug/L	0.010	0.010		2.0	60-140	40	1.9	49-157	40
21087-64-9	Metribuzin	Optional	ug/L	0.010	0.010		2.0	6-174	29	1.9	13-190	40
7786-34-7	Mevinphos (Phosdrin)	Optional	ug/L	0.012	0.10	0.10	2.0	24-153	29	1.9	43-152	35
2212-67-1	Molinate	Optional	ug/L	0.011	0.10		2.0	33-126	29	1.9	37-126	40
300-76-5	Naled (Dibrom)	Optional	ug/L	0.029	0.050	0.050	2.0	3-176	35	1.9	1-130	50
40487-42-1	Pendimethalin	Optional	ug/L	0.010	0.010	0.10	2.0	60-140	26	1.9	32-162	45
298-02-2	Phorate (Thimet)	Optional	ug/L	0.028	0.050	0.10	2.0	60-140	28	1.9	38-140	45
732-11-6	Phosmet	Optional	ug/L	0.019	0.020	1.0	2.0	1-233	39	1.9	22-222	40
1610-18-0	Prometon	Optional	ug/L	0.014	0.050		2.0	46-137	27	1.9	61-137	40
7287-19-6	Prometryn	Optional	ug/L	0.013	0.050		2.0	38-137	29	1.9	49-150	40
1918-16-7	Propachlor	Optional	ug/L	0.010	0.010		2.0	13-167	32	1.9	45-144	40
139-40-2	Propazine	Optional	ug/L	0.010	0.010		2.0	40-144	32	1.9	51-141	40
299-84-3	Ronnel (Fenchlorphos)	Optional	ug/L	0.010	0.010	0.10	2.0	60-140	26	1.9	54-136	43
26259-45-0	Secbumeton	Optional	ug/L	0.010	0.010	0.50	2.0	43-138	28	1.9	49-155	40
122-34-9	Simazine (Princep)	Optional	ug/L	0.016	0.050		2.0	25-171	30	1.9	48-136	40
1014-70-6	Simetryn	Optional	ug/L	0.013	0.020		2.0	28-157	29	1.9	50-154	40
5915-41-3	Terbuthylazine	Optional	ug/L	0.010	0.010		2.0	32-143	28	1.9	56-142	40
886-50-0	Terbutryn	Optional	ug/L	0.0090	0.010		2.0	49-132	27	1.9	52-156	40

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							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
22248-79-9	cis-Tetrachlorvinphos	Optional	ug/L	0.015	0.050	0.10	2.0	40-146	28	1.9	47-170	44
34643-46-4	Tokuthion (Prothiofos)	Optional	ug/L	0.024	0.050	0.10	2.0	55-132	29	1.9	41-166	49
327-98-0	Trichloronate	Optional	ug/L	0.0090	0.010	0.10	2.0	60-140	27	1.9	55-138	51
1582-09-8	Trifluralin (Treflan)	Optional	ug/L	0.0092	0.010	0.30	2.0	60-140	29	1.9	42-144	44
97-17-6	Dichlofenthion	Surrogate	ug/L				5.0	38-132	N/A	4.8	49-146	N/A
115-86-6	Triphenylphosphate	Surrogate	ug/L				5.0	37-151	N/A	4.8	41-199	N/A