

# Caltest Analysis Details



**Analysis Code:** OPP.W

**Matrix:** Water (ML)

**Method:** EPA 625.1

| CAS#       | Compound Name               | Reporting | Units | MDL    | PQL   | RDL   | LCS       |          |         | MS        |          |         |
|------------|-----------------------------|-----------|-------|--------|-------|-------|-----------|----------|---------|-----------|----------|---------|
|            |                             |           |       |        |       |       | Spk Conc. | Rec. (%) | RPD (%) | Spk Conc. | Rec. (%) | RPD (%) |
| 86-50-0    | Azinphos methyl (Guthion)   | Included  | ug/L  | 0.0090 | 0.010 | 0.050 | 2.0       | 10-197   | 30      | 1.9       | 1-164    | 39      |
| 2921-88-2  | Chlorpyrifos                | Included  | ug/L  | 0.0090 | 0.010 | 0.010 | 2.0       | 40-133   | 27      | 1.9       | 20-133   | 44      |
| 8065-48-3  | Demeton -O and -S           | Included  | ug/L  | 0.010  | 0.010 | 0.10  | 4.0       | 19-112   | 32      | 3.8       | 1-133    | 45      |
| 333-41-5   | Diazinon                    | Included  | ug/L  | 0.014  | 0.020 | 0.020 | 2.0       | 53-110   | 25      | 1.9       | 25-130   | 43      |
| 298-04-4   | Disulfoton (Di-Syston)      | Included  | ug/L  | 0.0060 | 0.10  | 0.10  | 2.0       | 31-104   | 28      | 1.9       | 6-116    | 48      |
| 563-12-2   | Ethion                      | Included  | ug/L  | 0.0090 | 0.010 | 0.020 | 2.0       | 49-130   | 26      | 1.9       | 1-148    | 45      |
| 121-75-5   | Malathion                   | Included  | ug/L  | 0.030  | 0.050 | 0.050 | 2.0       | 64-122   | 20      | 1.9       | 50-135   | 30      |
| 56-38-2    | Parathion (Parathion ethyl) | Included  | ug/L  | 0.010  | 0.050 | 0.050 | 2.0       | 43-135   | 25      | 1.9       | 4-138    | 48      |
| 298-00-0   | Parathion methyl            | Included  | ug/L  | 0.031  | 0.10  | 0.10  | 2.0       | 24-165   | 26      | 1.9       | 1-186    | 48      |
| 28249-77-6 | Thiobencarb                 | Included  | ug/L  | 0.0090 | 0.010 | 0.050 | 2.0       | 54-116   | 27      | 1.9       | 18-132   | 42      |
| 15972-60-8 | Alachlor (Lasso)            | Optional  | ug/L  | 0.010  | 0.020 |       | 2.0       | 14-178   | 30      | 1.9       | 1-177    | 40      |
| 834-12-8   | Ametryn                     | Optional  | ug/L  | 0.0050 | 0.020 |       | 2.0       | 33-156   | 30      | 1.9       | 1-163    | 40      |
| 1610-17-9  | Atraton                     | Optional  | ug/L  | 0.0060 | 0.010 |       | 2.0       | 40-143   | 30      | 1.9       | 5-153    | 40      |
| 1912-24-9  | Atrazine (Aatrex)           | Optional  | ug/L  | 0.011  | 0.050 |       | 2.0       | 40-138   | 26      | 1.9       | 1-161    | 40      |
| 35400-43-2 | Bolstar (Sulprofos)         | Optional  | ug/L  | 0.0091 | 0.050 | 0.10  | 2.0       | 60-140   | 24      | 1.9       | 4-126    | 47      |
| 314-40-9   | Bromacil                    | Optional  | ug/L  | 0.026  | 0.050 | 0.050 | 2.0       | 4-171    | 39      | 1.9       | 1-165    | 40      |
| 23184-66-9 | Butachlor                   | Optional  | ug/L  | 0.0095 | 0.010 |       | 2.0       | 60-140   | 27      | 1.9       | 26-135   | 40      |
| 56-72-4    | Coumaphos (Co-Ral)          | Optional  | ug/L  | 0.019  | 0.050 | 0.050 | 2.0       | 41-152   | 30      | 1.9       | 1-157    | 51      |
| 21725-46-2 | Cyanazine                   | Optional  | ug/L  | 0.030  | 0.050 |       | 2.0       | 30-153   | 45      | 1.9       | 1-167    | 40      |
| 126-75-0   | Demeton-S                   | Optional  | ug/L  | 0.0080 | 0.020 | 0.10  | 2.0       | 26-115   | 31      | 1.9       | 1-140    | 44      |
| 298-03-3   | Demeton-O                   | Optional  | ug/L  | 0.0070 | 0.010 | 0.10  | 2.0       | 16-103   | 32      | 1.9       | 1-142    | 49      |
| 62-73-7    | Dichlorvos (DDVS)           | Optional  | ug/L  | 0.022  | 0.10  | 0.10  | 2.0       | 39-117   | 27      | 1.9       | 10-170   | 44      |
| 60-51-5    | Dimethoate (Cygon)          | Optional  | ug/L  | 0.010  | 0.010 | 0.50  | 2.0       | 13-154   | 46      | 1.9       | 1-139    | 32      |
| 2104-64-5  | EPN                         | Optional  | ug/L  | 0.0090 | 0.050 | 0.10  | 2.0       | 44-137   | 26      | 1.9       | 1-156    | 45      |

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|------------|-----------------------|-----------|-------|--------|-------|-------|-----------|----------|---------|-----------|----------|---------|
|            |                       |           |       |        |       |       | Spk Conc. | Rec. (%) | RPD (%) | Spk Conc. | Rec. (%) | RPD (%) |
| 759-94-4   | EPTC                  | Optional  | ug/L  | 0.011  | 0.10  | 0.30  | 2.0       | 60-140   | 25      | 1.9       | 12-102   | 55      |
| 13194-48-4 | Ethoprop              | Optional  | ug/L  | 0.0090 | 0.010 | 0.10  | 2.0       | 49-130   | 29      | 1.9       | 31-128   | 38      |
| 115-90-2   | Fensulfothion         | Optional  | ug/L  | 0.10   | 0.20  | 0.50  | 2.0       | 22-164   | 37      | 1.9       | 1-176    | 42      |
| 55-38-9    | Fenthion              | Optional  | ug/L  | 0.0076 | 0.010 | 0.050 | 2.0       | 29-133   | 26      | 1.9       | 7-123    | 48      |
| 150-50-5   | Merphos               | Optional  | ug/L  | 0.030  | 0.10  | 0.10  | 2.0       | 34-112   | 26      | 2.0       | 1-122    | 23      |
| 950-37-8   | Methidathion          | Optional  | ug/L  | 0.0093 | 0.010 | 0.10  | 2.0       | 39-143   | 26      | 1.9       | 1-154    | 51      |
| 51218-45-2 | Metolachlor           | Optional  | ug/L  | 0.0060 | 0.010 |       | 2.0       | 60-140   | 40      | 1.9       | 60-140   | 40      |
| 21087-64-9 | Metribuzin            | Optional  | ug/L  | 0.010  | 0.010 |       | 2.0       | 6-174    | 29      | 1.9       | 1-173    | 40      |
| 7786-34-7  | Mevinphos (Phosdrin)  | Optional  | ug/L  | 0.012  | 0.10  | 0.10  | 2.0       | 24-153   | 29      | 1.9       | 10-137   | 35      |
| 2212-67-1  | Molinate              | Optional  | ug/L  | 0.0075 | 0.10  |       | 2.0       | 33-126   | 29      | 1.9       | 31-111   | 40      |
| 300-76-5   | Naled (Dibrom)        | Optional  | ug/L  | 0.020  | 0.050 | 0.050 | 2.0       | 3-176    | 35      | 1.9       | 1-138    | 50      |
| 40487-42-1 | Pendimethalin         | Optional  | ug/L  | 0.0050 | 0.010 | 0.10  | 2.0       | 60-140   | 26      | 1.9       | 9-136    | 45      |
| 298-02-2   | Phorate (Thimet)      | Optional  | ug/L  | 0.0073 | 0.050 | 0.10  | 2.0       | 60-140   | 28      | 1.9       | 25-112   | 45      |
| 732-11-6   | Phosmet               | Optional  | ug/L  | 0.010  | 0.010 | 1.0   | 2.0       | 1-233    | 39      | 1.9       | 1-225    | 40      |
| 1610-18-0  | Prometon              | Optional  | ug/L  | 0.020  | 0.050 |       | 2.0       | 46-137   | 27      | 1.9       | 8-154    | 40      |
| 7287-19-6  | Prometryn             | Optional  | ug/L  | 0.019  | 0.050 |       | 2.0       | 38-137   | 29      | 1.9       | 1-154    | 40      |
| 1918-16-7  | Propachlor            | Optional  | ug/L  | 0.010  | 0.010 |       | 2.0       | 13-167   | 32      | 1.9       | 5-155    | 40      |
| 139-40-2   | Propazine             | Optional  | ug/L  | 0.010  | 0.010 |       | 2.0       | 40-144   | 32      | 1.9       | 1-161    | 40      |
| 299-84-3   | Ronnel (Fenchlorphos) | Optional  | ug/L  | 0.0066 | 0.010 | 0.10  | 2.0       | 60-140   | 26      | 1.9       | 17-119   | 43      |
| 26259-45-0 | Secbumeton            | Optional  | ug/L  | 0.0060 | 0.010 | 0.50  | 2.0       | 43-138   | 28      | 1.9       | 3-159    | 40      |
| 122-34-9   | Simazine (Princep)    | Optional  | ug/L  | 0.018  | 0.050 |       | 2.0       | 25-171   | 30      | 1.9       | 1-172    | 40      |
| 1014-70-6  | Simetryn              | Optional  | ug/L  | 0.0050 | 0.020 |       | 2.0       | 28-157   | 29      | 1.9       | 1-165    | 40      |
| 5915-41-3  | Terbutylazine         | Optional  | ug/L  | 0.0092 | 0.010 |       | 2.0       | 32-143   | 28      | 1.9       | 1-161    | 40      |
| 886-50-0   | Terbutryn             | Optional  | ug/L  | 0.010  | 0.010 |       | 2.0       | 49-132   | 27      | 1.9       | 3-158    | 40      |

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|------------|------------------------|-----------|-------|--------|-------|------|-----------|----------|---------|-----------|----------|---------|
|            |                        |           |       |        |       |      | Spk Conc. | Rec. (%) | RPD (%) | Spk Conc. | Rec. (%) | RPD (%) |
| 22248-79-9 | cis-Tetrachlorvinphos  | Optional  | ug/L  | 0.029  | 0.050 | 0.10 | 2.0       | 40-146   | 28      | 1.9       | 1-152    | 44      |
| 34643-46-4 | Tokuthion (Prothiofos) | Optional  | ug/L  | 0.033  | 0.50  | 0.10 | 2.0       | 55-132   | 29      | 1.9       | 13-161   | 49      |
| 327-98-0   | Trichloronate          | Optional  | ug/L  | 0.0074 | 0.010 | 0.10 | 2.0       | 60-140   | 27      | 1.9       | 27-124   | 51      |
| 1582-09-8  | Trifluralin (Treflan)  | Optional  | ug/L  | 0.0074 | 0.010 | 0.30 | 2.0       | 60-140   | 29      | 1.9       | 31-103   | 44      |
| 97-17-6    | Dichlofenthion         | Surrogate | ug/L  | N/A    | N/A   |      | 5.0       | 38-132   | N/A     | 4.8       | 36-124   | N/A     |
| 115-86-6   | Triphenylphosphate     | Surrogate | ug/L  | N/A    | N/A   |      | 5.0       | 37-151   | N/A     | 4.8       | 1-165    | N/A     |