

Sample: *****

Organophosphorus Pesticides by EPA 8140

Date Received: 08-24-99 Matrix: Soil
Date Extracted: 08-26-99 Sample Amount: 50g:10mL
Date Analyzed: 08-27-99
Instrument ID: GC #12 Units: ug/kg(ppb)

CAS no.	Compound	Concentration	Detection Limit
3383-96-8	Abate	ND	200
35400-43-2	Bolstar	ND	20
2921-88-2	Chlorpyrifos	ND	20
56-72-4	Coumaphos	ND	20
8065-48-3	Demeton	ND	20
333-41-5	Diazinon	ND	20
62-73-7	Dichlorvos	ND	20
60-51-5	Dimethoate	ND	20
298-04-4	Disulfoton	ND	20
2104-64-5	EPN	ND	20
13194-48-4	Ethoprop	ND	20
115-90-2	Fensulfothion	ND	20
55-38-9	Fenthion	ND	20
86-50-0	Guthion	ND	20
121-75-5	Malathion	ND	20
150-50-5	Merphos	ND	20
298-00-0	Methyl parathion	ND	20
7786-34-7	Mevinphos	ND	20
6923-22-4	Monocrotophos	ND	20
300-76-5	Naled	ND	20
56-38-2	Parathion	ND	20
298-02-0	Phorate	ND	20
34643-46-4	Prothiofos	ND	20
299-84-3	Ronnel	ND	20
961-11-5	Stirophos	ND	20
3689-24-5	Sulfotep	ND	20
107-49-3	TEPP	ND	20
327-98-0	Trichloronate	ND	20

Surrogate	Percent Recovery	Control Limits
Triphenyl phosphate	101	38-146

Matrix Spike/Matrix Spike Duplicate Recovery Summary

Sample: Comp 8/23 1,2,3
 Date Analyzed: 08-27-99 Date Extracted: 08-26-99
 Matrix: soil Units: ppb(ug/kg)

Analyte	Sample Result	Amount Spiked	MS Result	% Rec MS	MSD Result	% Rec MSD	RPD
Diazinon	ND	139	112	81	106	76	6
Ronnel	ND	342	280	82	294	86	5
Malathion/Chlorpyrifos	ND	670	552	82	558	83	1
TCVP (Stirophos)	ND	304	246	81	244	80	1
Control Limits:				% Rec 50 - 150		RPD 25	

Laboratory Fortified Blank Recovery Summary

Sample: Blank
 Date Analyzed: 08-27-99 Date Extracted: 08-26-99
 Matrix: soil Units: ppb(ug/kg)

Analyte	Sample Result	Amount Spiked	LFB Result	% Rec LFB
Diazinon	ND	139	122	88
Ronnel	ND	342	324	95
Malathion/Chlorpyrifos	ND	670	530	79
TCVP (Stirophos)	ND	304	218	72

Control Limits 50 - 150