



The Leader in Pesticide Residue Analysis...

# ANALYTICAL REPORT



**IEH**  
Laboratories &  
Consulting Group

April 18, 2023

**Client:** Kevin Murphy  
Sequoia Soil Company  
PO Box 1109  
Redway, CA 95560  
**Phone:** (707) 513-7305  
**Fax:** (408) 782-6308  
**Email:** Sequoiasoil@gmail.com

**Project No:**

**PO No:**

**Client Sample ID:** Sequoia Compost

**EMA Sample No:** 23041121-01

**Date Received:** 4/11/2023

**Sample Matrix:** Organic Compost

**Analytical Method:** EMA - NOP - A - D

**Extraction Method:** FDA 302

**Date Extracted:** 4/12/2023

**Date Completed:** 4/12/2023

**Comments:**

If the amount column displays: OC - See OC Screen, Pyr - See Pyrethroid Screen, ON - See ON Screen, OP - See OP Screen, CB - See CB screen, GC/MS - See GC/MS/MS Screen, LC/MS - See LC/MS/MS Screen  
ND = None Detected at the Reporting Limit (RL)  
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**Analyte**

**Amount ppm**    **RL ppm**    **Tolerance ppm**

Acephate	ND	0.020
Acetamiprid	ND	0.020
Acetochlor	ND	0.020
Aldicarb	ND	0.020
Aldicarb Sulfone	ND	0.020
Aldicarb Sulfoxide	ND	0.020
Allethrin	ND	0.020
Atrazine	ND	0.020
Azinphos Methyl	ND	0.020
Azoxystrobin	ND	0.020
Bendiocarb	ND	0.020
BHC-Alpha	ND	0.020
Bifenazate	ND	0.020
Bifenthrin	ND	0.020
Bitertanol	ND	0.020
Boscalid	ND	0.020
Bromacil	ND	0.020
Buprfezin	ND	0.020
Captan	ND	0.060
Carbaryl	ND	0.020
Carbendazim (MBC)	ND	0.020
Carbofuran	ND	0.020
Chlorantraniliprole	ND	0.020
Chlordane, cis-	ND	0.020
Chlordane, trans-	ND	0.020
Chlorfenapyr	ND	0.020
Chlorothalonil	ND	0.060
Chlorpropham	ND	0.020
Chlorpyrifos	ND	0.020
Chlorpyrifos Methyl	ND	0.020
Clofentezine	ND	0.020
Clothianidin	ND	0.020
Coumaphos	ND	0.020
Cyazofamid	ND	0.020
Cycloate	ND	0.060
Cyfluthrin	ND	0.020
Cyhalothrin, L-	ND	0.020
Cypermethrin	ND	0.020
Cyprodinil	ND	0.020
Cyromazine	ND	0.020
DCPA	ND	0.020
DDD o,p'	ND	0.060
DDD p,p'	ND	0.020
DDE o,p'	ND	0.020
DDE p,p'	ND	0.020
DDT o,p'	ND	0.020
DDT p,p'	ND	0.060
DEF (Tribufos)	ND	0.020
Deltamethrin (includes Tralomethrin)	ND	0.020
Diazinon	ND	0.020
Diazinon Oxygen Analog	ND	0.020
Dichlorvos (DDVP)	ND	0.060
Dicloran	ND	0.020
Dicofol o,p'	ND	0.020
Dicofol p,p' (Kelthane)	ND	0.020
Dieldrin	ND	0.020
Difenoconazole	ND	0.020
Diflubenzuron	ND	0.020
Dimethoate	ND	0.020
Diphenamid	ND	0.020
Diphenylamine (DPA)	ND	0.020
Disulfoton	ND	0.020
Disulfoton Sulfone	ND	0.020
Diuron	ND	0.020



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**Client Sample ID:** Sequoia Compost

**EMA Sample No:** 23041121-01

**Date Received:** 4/11/2023

**Sample Matrix:** Organic Compost

**Analytical Method:** EMA - NOP - E - N

**Extraction Method:** FDA 302

**Date Extracted:** 4/12/2023

**Date Completed:** 4/12/2023

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Analyte	Amount ppm	RL ppm	Tolerance ppm
Endosulfan I	ND	0.020	
Endosulfan II	ND	0.020	
Endosulfan Sulfate	ND	0.020	
Endrin	ND	0.020	
Esfenvalerate	ND	0.020	
Ethion	ND	0.020	
Ethoprop	ND	0.020	
Ethoxyquin	ND	0.060	
Etoxazole	ND	0.020	
Famoxadone	ND	0.020	
Fenamidone	ND	0.020	
Fenamiphos	ND	0.020	
Fenamiphos Sulfone	ND	0.020	
Fenarimol	ND	0.020	
Fenbuconazole	ND	0.020	
Fenhexamid	ND	0.020	
Fenpropathrin	ND	0.020	
Fenpyroximate	ND	0.020	
Fenthion	ND	0.020	
Fenvalerate	ND	0.020	
Fipronil	ND	0.020	
Flonicamid	ND	0.020	
Fludioxonil	ND	0.020	
Fluoxastrobin	ND	0.020	
Fluridone	ND	0.020	
Flutolanil	ND	0.020	
Fluvalinate	ND	0.020	
Folpet	ND	0.020	
Fonofos	ND	0.020	
Formetanate Hydrochloride	ND	0.020	
Heptachlor Epoxide	ND	0.020	
Hexachlorobenzene (HCB)	ND	0.060	
Hexaconazole	ND	0.020	
Hexythiazox	ND	0.020	
Hydroxycarbofuran, 3-	ND	0.020	
Imazalil	ND	0.020	
Imidacloprid	ND	0.020	
Indoxacarb	ND	0.020	
Iprodione	ND	0.060	
Lindane (BHC-gamma)	ND	0.020	
Linuron	ND	0.020	
Malathion	ND	0.020	
Malathion Oxygen Analog	ND	0.020	
Metaxyl	ND	0.020	
Methamidophos	ND	0.020	
Methidathion	ND	0.020	
Methiocarb	ND	0.020	
Methomyl	ND	0.020	
Methoxychlor Total	ND	0.020	
Methoxyfenozide	ND	0.020	
Metolachlor	ND	0.020	
Metribuzin	ND	0.020	
Mevinphos Total	ND	0.020	
MGK-264	ND	0.020	
Myclobutanil	ND	0.020	
Naled	ND	0.060	
Naphthol, 1-	ND	0.020	
Napropamide	ND	0.020	
Nonachlor, cis-	ND	0.020	
Nonachlor, trans-	ND	0.020	



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**Sample Matrix:** Organic Compost

**Analytical Method:** EMA - NOP - O - Z

**Extraction Method:** FDA 302

**Date Extracted:** 4/12/2023

**Date Completed:** 4/12/2023

**Comments:**

\*Please note, sample was re-extracted and re-run with similar results.

Analyte	Amount ppm	RL ppm	Tolerance ppm
Omethoate	ND	0.020	
Oxadixyl	ND	0.020	
Oxamyl	ND	0.020	
Parathion Methyl	ND	0.020	
Pendimethalin	ND	0.020	
Pentachlorbenzene (PCB)	ND	0.020	
Pentachloroaniline (PCA)	ND	0.020	
Permethrin Total	ND	0.020	
Phenylphenol, O-	ND	0.020	
Phorate Sulfone	ND	0.020	
Phorate Sulfoxide	ND	0.020	
Phosalone	ND	0.020	
Phosmet	ND	0.020	
Piperonyl Butoxide	ND	0.020	
Pirimiphos Methyl	ND	0.020	
Primingcarb	ND	0.020	
Prochloraz	ND	0.020	
Procymidone	ND	0.020	
Prometryn	ND	0.020	
Pronamide	ND	0.020	
Propargite	ND	0.020	
Propiconazole	0.47	0.020	UNK
Pymetrozine	ND	0.020	
Pyraclostrobin	ND	0.020	
Pyridaben	ND	0.020	
Pyrimethanil	ND	0.020	
Pyriproxyfen	ND	0.020	
Quinoxifen	ND	0.020	
Quintozene (PCNB)	ND	0.020	
Resmethrin	ND	0.020	
Simazine	ND	0.020	
Spinetoram	ND	0.020	
Spiromesifen	ND	0.020	
Sulfentrazone	ND	0.020	
Tebuconazole	ND	0.020	
Tebufenozide	ND	0.020	
Tetrachlorvinphos	ND	0.020	
Tetradifon	ND	0.020	
Tetrahydrophthalimide (THPI)	ND	0.020	
Thiabendazole	ND	0.020	
Thiacloprid	ND	0.020	
Thiamethoxam	ND	0.020	
Thiobencarb	ND	0.020	
Thiodicarb	ND	0.020	
Triadimefon	ND	0.020	
Triadimenol	ND	0.020	
Trifloxystrobin	ND	0.020	
Triflumizole	ND	0.020	
Trifluralin	ND	0.020	
Vinclozolin	ND	0.020	

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Date: 04/18/23 Reviewed by:  Robert Hughes, Lab Manager