



Customer: Phillip Thom
 Customer Sample ID: Soil Sample
 Laboratory Number: 19K0057-01



Pesticide Profile

Extraction Technician: DF
 Analytical Chemist: rdh

Extraction Date(s)	Analysis Date(s)
11/5/2019	11/5/2019

Pesticides	Results	Pos/Neg	LOD(ug/g)
	ug/g		
Abamectin	ND	NEG	0.00678
Acephate	ND	NEG	0.00387
Acequinocyl	ND	NEG	0.0194
Acetamiprid	ND	NEG	0.00194
Aldicarb	ND	NEG	0.00387
Azoxystrobin	ND	NEG	0.00194
Bifenazate	ND	NEG	0.00194
Bifenthrin	ND	NEG	0.00194
Boscalid	ND	NEG	0.00387
Carbaryl	ND	NEG	0.00194
Carbofuran	ND	NEG	0.00194
Chlorantraniliprole	ND	NEG	0.00194
Chlorfenapyr	ND	NEG	0.00969
Chlorpyrifos	ND	NEG	0.00194
Clofentezine	ND	NEG	0.00194
Cyfluthrin	ND	NEG	0.00969
Cypermethrin	ND	NEG	0.00969
Daminozide	ND	NEG	0.00969
DDVP (Dichlorvos)	ND	NEG	0.000969
Diazinon	ND	NEG	0.00194
Dimethoate	ND	NEG	0.00194
Ethoprophos	ND	NEG	0.00194
Etofenprox	ND	NEG	0.00387
Etoxazole	ND	NEG	0.000969
Fenoxycarb	ND	NEG	0.00194
Fenpyroximate	ND	NEG	0.00387
Fipronil	ND	NEG	0.00387
Flonicamid	ND	NEG	0.00969
Fludioxonil	ND	NEG	0.00387
Hexythiazox	ND	NEG	0.00969
Imazalil	ND	NEG	0.00387

Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods . The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.



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Pesticides	Results	Pos/Neg	LOD(ug/g)
	ug/g		
Imidacloprid	ND	NEG	0.00194
Kresoxim-methyl	ND	NEG	0.00387
Malathion	ND	NEG	0.00484
Metalaxyl	ND	NEG	0.00194
Methiocarb	ND	NEG	0.00194
Methomyl	ND	NEG	0.00387
Methyl parathion	ND	NEG	0.00969
MGK-264	ND	NEG	0.00194
Myclobutanil	ND	NEG	0.00387
Naled	ND	NEG	0.00484
Oxamyl	ND	NEG	0.00969
Paclobutrazol	ND	NEG	0.00387
Permethrins	ND	NEG	0.00387
Phosmet	ND	NEG	0.00194
Piperonyl Butoxide	ND	NEG	0.0194
Prallethrin	ND	NEG	0.00194
Propiconazole	ND	NEG	0.00387
Propoxure	ND	NEG	0.00194
Pyrethrins	ND	NEG	0.0484
Pyridaben	ND	NEG	0.00194
Spinosad	ND	NEG	0.00581
Spiromesifen	ND	NEG	0.00291
Spirotetramat	ND	NEG	0.00194
Spiroxamine	ND	NEG	0.00387
Tebuconazole	ND	NEG	0.000969
Thiacloprid	ND	NEG	0.00194
Thiamethoxam	ND	NEG	0.00194
Trifloxystrobin	ND	NEG	0.00194

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Metals Profile

Extraction Technician: MF	Extraction Date(s)	Analysis Date(s)
Analytical Chemist: MF	11/5/2019	11/12/2019

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS.1	2900	ppb
Cadmium	ICPMS.1	206	ppb
Lead	ICPMS.1	5620	ppb
Mercury	ICPMS.1	12.0	ppb

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

Microbial Profile

Extraction Technician: MF	Extraction Date(s)	Analysis Date(s)
Analytical Chemist: MF	11/5/2019	11/12/2019

Microbials	Method Code	Results	Units
Salmonella spp.	S.aureus.1.a	Negative	/g
Non-0157 STEC	STEC.1.b	Negative	/g
Listeria Monocytogenes	Lmono.2	Negative	/g
Aerobic Plate Count	APC.1a	3400000	cfu/g
Total Coliform Bacteria	TCEC.1a	<10.0	cfu/g
Escherichia coli	TCEC.1a	<10.0	cfu/g
Staphylococcus Aureus	TCEC.1a	<10.0	cfu/g
Yeast and Mold	PetriFilms	300	cfu/g

Limits for microbials vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

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