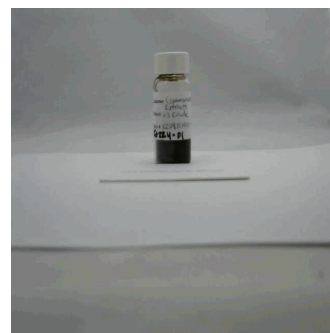




Customer Sample ID: KC08011901-05
 Laboratory Number: 1910224-01



Pesticide Profile

Extraction Technician: MTO
 Analytical Chemist: rdh

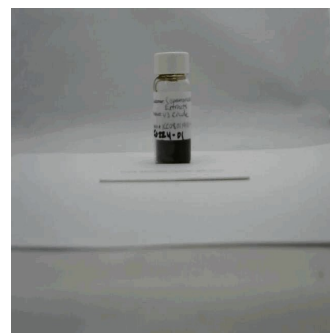
Extraction Date(s)	Analysis Date(s)
9/16/2019	9/17/2019

Pesticides	Results	Pos/Neg	LOD(ug/g)
	ug/g		
Abamectin	ND	NEG	0.0692
Acephate	ND	NEG	0.0396
Acequinocyl	ND	NEG	0.198
Acetamiprid	ND	NEG	0.0198
Aldicarb	ND	NEG	0.0396
Azoxystrobin	ND	NEG	0.0198
Bifenazate	ND	NEG	0.0198
Bifenthrin	ND	NEG	0.0198
Boscalid	ND	NEG	0.0396
Carbaryl	ND	NEG	0.0198
Carbofuran	ND	NEG	0.0198
Chlorantraniliprole	ND	NEG	0.0198
Chlorfenapyr	ND	NEG	0.0989
Chlorpyrifos	ND	NEG	0.0198
Clofentezine	ND	NEG	0.0198
Cyfluthrin	ND	NEG	0.0989
Cypermethrin	ND	NEG	0.0989
Daminozide	ND	NEG	0.0989
DDVP (Dichlorvos)	ND	NEG	0.00989
Diazinon	ND	NEG	0.0198
Dimethoate	ND	NEG	0.0198
Ethoprophos	ND	NEG	0.0198
Etofenprox	ND	NEG	0.0396
Etoxazole	ND	NEG	0.00989
Fenoxycarb	ND	NEG	0.0198
Fenpyroximate	ND	NEG	0.0396
Fipronil	ND	NEG	0.0396
Fonicamid	ND	NEG	0.0989
Fludioxonil	ND	NEG	0.0396
Hexythiazox	ND	NEG	0.0989
Imazalil	ND	NEG	0.0396

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Customer Sample ID: KC08011901-05
 Laboratory Number: 1910224-01



Pesticide Profile

Extraction Technician: MTO
 Analytical Chemist: rdh

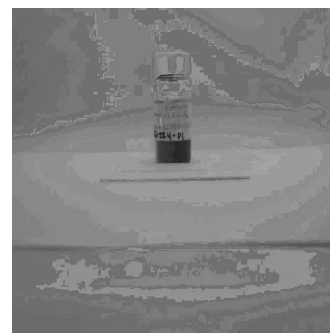
Extraction Date(s)	Analysis Date(s)
9/16/2019	9/17/2019

Pesticides	Results	Pos/Neg	LOD(ug/g)
	ug/g		
Imidacloprid	ND	NEG	0.0198
Kresoxim-methyl	ND	NEG	0.0396
Malathion	ND	NEG	0.0495
Metalaxyl	ND	NEG	0.0198
Methiocarb	ND	NEG	0.0198
Methomyl	ND	NEG	0.0396
Methyl parathion	ND	NEG	0.0989
MGK-264	ND	NEG	0.0198
Myclobutanil	ND	NEG	0.0396
Naled	ND	NEG	0.0495
Oxamyl	ND	NEG	0.0989
Paclobutrazol	ND	NEG	0.0396
Permethrins	ND	NEG	0.0396
Phosmet	ND	NEG	0.0198
Piperonyl Butoxide	ND	NEG	0.198
Prallethrin	ND	NEG	0.0198
Propiconazole	ND	NEG	0.0396
Propoxure	ND	NEG	0.0198
Pyrethrins	ND	NEG	0.495
Pyridaben	ND	NEG	0.0198
Spinosad	ND	NEG	0.0593
Spiromesifen	ND	NEG	0.0297
Spirotetramat	ND	NEG	0.0198
Spiroxamine	ND	NEG	0.0396
Tebuconazole	ND	NEG	0.00989
Thiacloprid	ND	NEG	0.0198
Thiamethoxam	ND	NEG	0.0198
Trifloxystrobin	ND	NEG	0.0198

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Customer Sample ID: KC08011901-05
 Laboratory Number: 19I0224-01



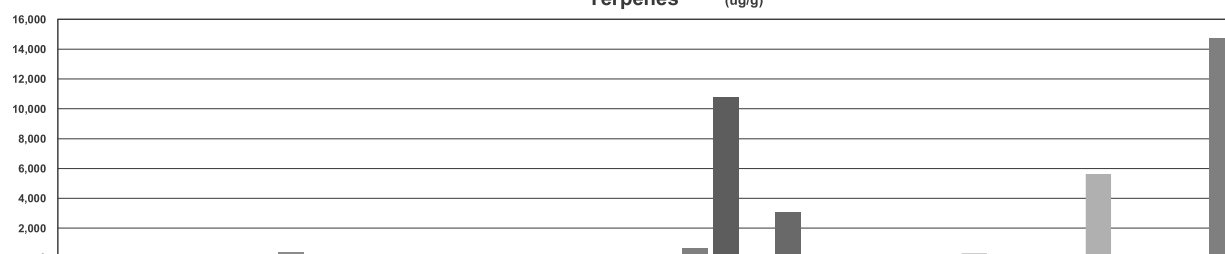
Terpene Profile

Extraction Technician: MTO
 Analytical Chemist: MTO

Extraction Date(s)	Analysis Date(s)
9/16/2019	9/17/2019

Terpene	Results	Terpene	Results
	ug/g		ug/g
alpha-Pinene		Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Pinene and beta-Myrcene		alpha-Terpineol	356
p-Mentha-1,5-diene		gamma-Terpineol	
(1S)-(+)-3-Carene		Nerol	
alpha-Terpinene		Geraniol	
Ocimene Peak 1		(+)-Pulegone	
(R) - (+)-Limonene		Geranyl Acetate	
Ocimene Peak 2		alpha-Cedrene	
Eucalyptol (1,8-Cineole)	608	trans-Caryophyllene	10800
gamma-Terpinene		alpha-Humulene	3020
Sabinene Hydrate		Valencene	
Terpinolene		cis-Nerolidol	
Linalool		trans-Nerolidol	301
(+)-Fenchone and L(-)-Fenchone		Guaiol	
(1R)-Endo-(+)-Fenchyl		(-)-Caryophyllene Oxide	5610
(-)-Isopulegol		(+)-Cedrol	
Camphor and (1S)-(-)-Camphor		(-)-alpha-Bisabolol (Levomenol)	14700

Terpenes (ug/g)



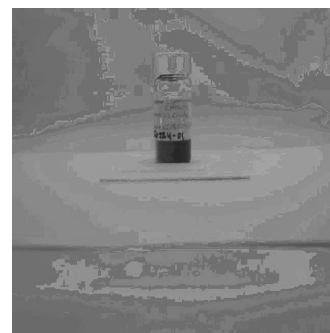
- alpha-Pinene
- Camphene
- Sabinene
- beta-Pinene and beta-Myrcene
- p-Mentha-1,5-diene
- (1S)-(+)-3-Carene
- alpha-Terpinene
- Ocimene Peak 1
- (R) - (+)-Limonene
- Ocimene Peak 2
- Eucalyptol (1,8-Cineole)
- gamma-Terpinene
- Sabinene Hydrate
- Terpinolene
- Linalool
- (+)-Fenchone and L(-)-Fenchone
- (1R)-Endo-(+)-Fenchyl
- (-)-Isopulegol
- Camphor and (1S)-(-)-Camphor
- Isoborneol
- Hexahydrothymol
- (+)-Borneol and (-)-Borneol
- alpha-Terpineol
- gamma-Terpineol
- Nerol
- Geraniol
- (+)-Pulegone
- Geranyl Acetate
- alpha-Cedrene
- trans-Caryophyllene
- alpha-Humulene
- Valencene
- cis-Nerolidol
- trans-Nerolidol
- Guaiol
- (-)-Caryophyllene Oxide
- (+)-Cedrol
- (-)-alpha-Bisabolol (Levomenol)

Reporting limit is roughly 40 ug/g depending on amount extracted.

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Customer Sample ID: KC08011901-05
Laboratory Number: 19I0224-01



Residual Solvents Profile

Extraction Technician: MTO
Analytical Chemist: MTO

Extraction Date(s)	Analysis Date(s)
9/16/2019	9/16/2019

Residual Solvents	Results	Calibration Range
	ug/g	
Propane	<95.6	100 - 2000
Isobutane	<95.6	100 - 2000
Methanol	<95.6	100 - 2000
Butane	<95.6	100 - 2000
Isopropanol	<95.6	100 - 2000
Ethanol	>2000	100 - 2000
2-Methyl Butane	<95.6	100 - 2000
Acetonitrile	<95.6	100 - 2000
Acetone	<95.6	100 - 2000
n-Pentane	<95.6	100 - 2000
n-Hexane	<47.8	50 - 2000
Tetrahydrofuran	<95.6	100 - 2000
Benzene	<0.956	1.0 - 50
n-Heptane	1070	100 - 2000
Toluene	<95.6	100 - 2000
Ethylbenzene	<95.6	100 - 2000
m+p Xylene	<95.6	100 - 2000
o-Xylene	<95.6	100 - 2000
Total Xylenes	<95.6	100 - 2000
1,2,3-Trimethylbenzene	<95.6	100 - 2000

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