



Green Leaf Lab®

12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Quality Control Testing Official Report

Relax CBD Oil

Sample ID: G0A0387-03

Matrix: Products

Test ID: 5000908

Source ID: 19-1220-01

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Results at a Glance

Total THC : 0.0852 %

Total CBD : 3.498 %

Total Terpenes : 2.319 % PASS



Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 2/4/2020

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Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



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Relax CBD Oil

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Matrix: Products

Test ID: 5000908

Source ID: 19-1220-01

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Potency Analysis

Date/Time Extracted: 01/27/20 14:42

Analysis Method/SOP: 215

Batch Identification: 2005017

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0470	0.852	24.7	
Total CBD	0.1226	34.98	1010	
THCA	0.0679	< LOQ	< LOQ	
delta 9-THC	0.0470	0.852	24.7	
THCV	0.0461	< LOQ	< LOQ	
THCVA	0.0690	< LOQ	< LOQ	
CBD	0.1226	34.98	1010	
CBDA	0.1690	< LOQ	< LOQ	
CBDV	0.0474	< LOQ	< LOQ	
CBDVA	0.0652	< LOQ	< LOQ	
CBN	0.0426	< LOQ	< LOQ	
CBG	0.0496	0.781	22.6	
CBGA	0.0657	< LOQ	< LOQ	
CBC	0.0831	1.115	32.3	

Unit weight = 29 g as provided by client

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



ISO 17025
ACCREDITED
LABORATORY

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Relax CBD Oil

Sample ID: G0A0387-03

Matrix: Products

Test ID: 5000908

Source ID: 19-1220-01

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Terpene Analysis

Date/Time Extracted: 01/27/20 14:42

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	0.03813	0.3813
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	2.052	20.52
Linalool	0.03676	0.3676	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.1117	1.117	alpha-Pinene	< LOQ	< LOQ
beta-Pinene	< LOQ	< LOQ	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	< LOQ	< LOQ	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	0.02173	0.2173
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.03042	0.3042	beta-Caryophyllene	0.02861	0.2861
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	< LOQ	< LOQ
alpha-Humulene	< LOQ	< LOQ	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	2.319	23.19			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



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Relax CBD Oil

Sample ID: G0A0387-03

Matrix: Products

Test ID: 5000908

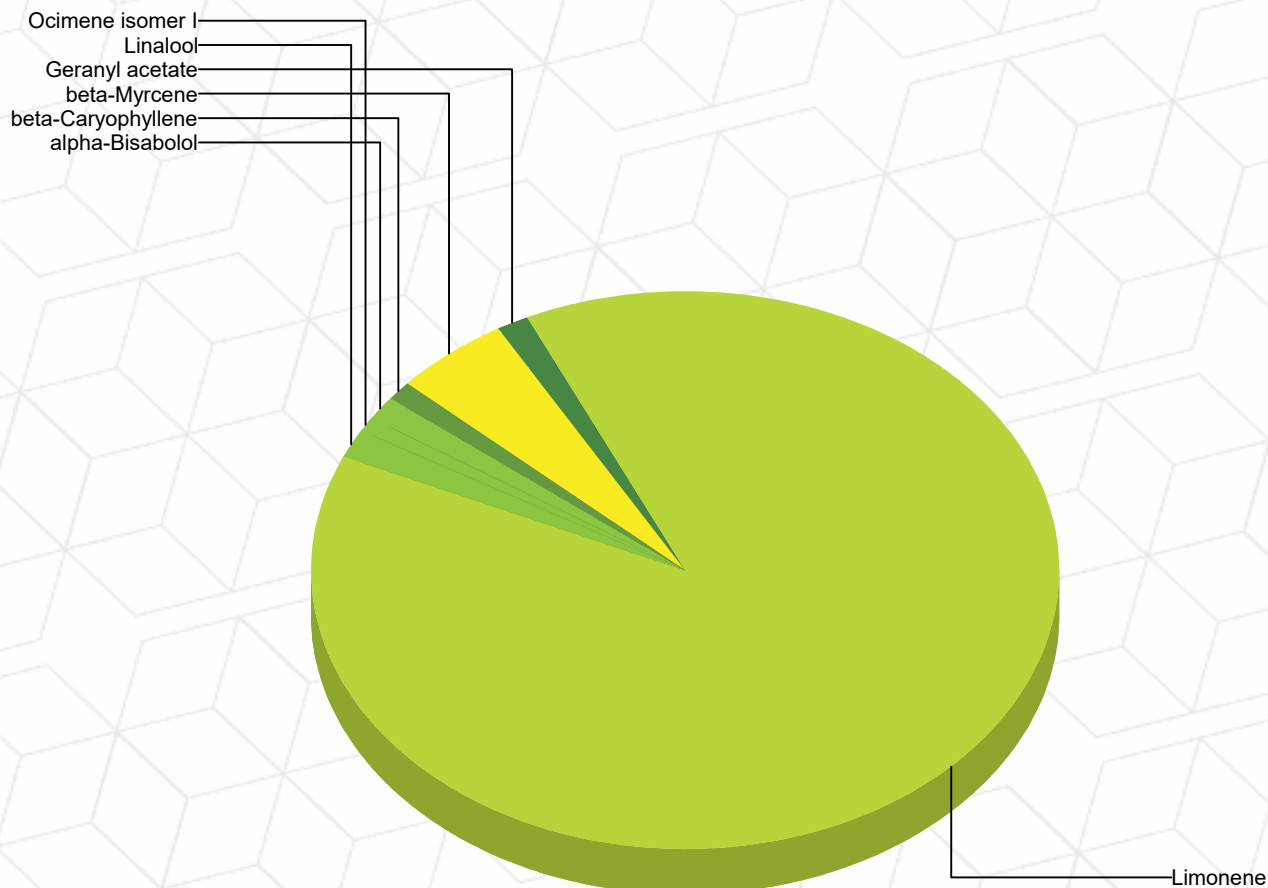
Source ID: 19-1220-01

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Terpene Profile



Percentage of Total Terpenes Identified



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Quality Control Testing Official Report

Quality Control Potency

Batch: 2005017 - 215-Products

Blank(2005017-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0221	%		01/27/20 14:42	01/27/20 22:24
delta 9-THC	< LOQ	0.0153	%		01/27/20 14:42	01/27/20 22:24
THCV	< LOQ	0.0150	%		01/27/20 14:42	01/27/20 22:24
THCVA	< LOQ	0.0224	%		01/27/20 14:42	01/27/20 22:24
CBD	< LOQ	0.0159	%		01/27/20 14:42	01/27/20 22:24
CBDA	< LOQ	0.0220	%		01/27/20 14:42	01/27/20 22:24
CBDV	< LOQ	0.0154	%		01/27/20 14:42	01/27/20 22:24
CBDVA	< LOQ	0.0212	%		01/27/20 14:42	01/27/20 22:24
CBN	< LOQ	0.0138	%		01/27/20 14:42	01/27/20 22:24
CBG	< LOQ	0.0161	%		01/27/20 14:42	01/27/20 22:24
CBGA	< LOQ	0.0213	%		01/27/20 14:42	01/27/20 22:24
CBC	< LOQ	0.0270	%		01/27/20 14:42	01/27/20 22:24

Reference(2005017-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
delta 9-THC	88.4	0.0153	%	80-120	01/27/20 14:42	01/27/20 22:47
CBD	89.4	0.0159	%	80-120	01/27/20 14:42	01/27/20 22:47



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CBD/Hemp Distillate

Sample ID: G0A0387-05

Matrix: Extracts & Concentrates

Test ID: 5000910

Source ID: 12.2020

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Results at a Glance

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Colonies : <LOQ cfu/g PASS

METALS : PASS



CBD/Hemp Distillate

Sample ID: G0A0387-05

Matrix: Extracts & Concentrates

Test ID: 5000910

Source ID: 12.2020

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Pesticide Analysis in ppm

Date/Time Extracted: 01/28/20 10:24
Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.4	ppm	Acephate	< LOQ	0.4		0.06	ppm
Acequinocyl	< LOQ	2		0.4	ppm	Acetamiprid	< LOQ	0.2		0.06	ppm
Aldicarb	< LOQ	0.4		0.06	ppm	Azoxystrobin	< LOQ	0.2		0.06	ppm
Bifenazate	< LOQ	0.2		0.06	ppm	Bifenthrin	< LOQ	0.2		0.06	ppm
Boscalid	< LOQ	0.4		0.06	ppm	Carbaryl	< LOQ	0.2		0.06	ppm
Carbofuran	< LOQ	0.2		0.06	ppm	Chlorantraniliprole	< LOQ	0.2		0.06	ppm
Chlorfenapyr	< LOQ	1		0.4	ppm	Chlorpyrifos	< LOQ	0.2		0.06	ppm
Chlorpyrifos	< LOQ	0.2		0.06	ppm	Clofentezine	< LOQ	0.2		0.06	ppm
Cyfluthrin	< LOQ	1		0.06	ppm	Cypermethrin	< LOQ	1		0.4	ppm
Daminozide	< LOQ	1		0.06	ppm	DDVP (Dichlorvos)	< LOQ	1		0.06	ppm
Diazinon	< LOQ	0.2		0.06	ppm	Dimethoate	< LOQ	0.2		0.06	ppm
Ethoprophos	< LOQ	0.2		0.06	ppm	Etofenprox	< LOQ	0.4		0.06	ppm
Etoxazole	< LOQ	0.2		0.06	ppm	Fenoxycarb	< LOQ	0.2		0.06	ppm
Fenpyroximate	< LOQ	0.4		0.06	ppm	Fipronil	< LOQ	0.4		0.1	ppm
Flonicamid	< LOQ	1		0.06	ppm	Fludioxonil	< LOQ	0.4		0.06	ppm
Fludioxonil	< LOQ	0.4		0.06	ppm	Hexythiazox	< LOQ	1		0.1	ppm
Imazalil	< LOQ	0.2		0.06	ppm	Imidacloprid	< LOQ	0.4		0.06	ppm
Kresoxim-methyl	< LOQ	0.4		0.1	ppm	Malathion	< LOQ	0.2		0.06	ppm
Malathion	< LOQ	0.2		0.06	ppm	Metalaxyl	< LOQ	0.2		0.06	ppm
Methiocarb	< LOQ	0.2		0.06	ppm	Methomyl	< LOQ	0.4		0.06	ppm
Methyl parathion	< LOQ	0.2		0.06	ppm	MGK-264	< LOQ	0.2		0.06	ppm
Myclobutanil	< LOQ	0.2		0.06	ppm	Naled	< LOQ	0.5		0.06	ppm
Oxamyl	< LOQ	1		0.06	ppm	Paclobutrazol	< LOQ	0.4		0.06	ppm
Permethrins	< LOQ	0.2		0.06	ppm	Phosmet	< LOQ	0.2		0.06	ppm
Piperonyl butoxide	< LOQ	2		0.9	ppm	Prallethrin	< LOQ	0.2		0.06	ppm
Propiconazole	< LOQ	0.4		0.06	ppm	Propoxur	< LOQ	0.2		0.06	ppm
Pyrethrins	< LOQ	1		0.06	ppm	Pyridaben	< LOQ	0.2		0.06	ppm
Spinosad	< LOQ	0.2		0.06	ppm	Spiromesifen	< LOQ	0.2		0.06	ppm
Spirotetramat	< LOQ	0.2		0.06	ppm	Spiroxamine	< LOQ	0.4		0.06	ppm
Tebuconazole	< LOQ	0.4		0.06	ppm	Thiacloprid	< LOQ	0.2		0.06	ppm
Thiamethoxam	< LOQ	0.2		0.06	ppm	Trifloxystrobin	< LOQ	0.2		0.06	ppm

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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CBD/Hemp Distillate

Sample ID: G0A0387-05

Matrix: Extracts & Concentrates

Test ID: 5000910

Source ID: 12.2020

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Residual Solvents

Date/Time Extracted: 01/27/20 12:05

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units
1,4-Dioxane	< LOQ	380		50.00	ppm
2-Butanol	< LOQ	5000		1000	ppm
2-Ethoxyethanol	< LOQ	160		80.00	ppm
2-Propanol (IPA)	< LOQ	5000		1000	ppm
Acetone	< LOQ	5000		1000	ppm
Acetonitrile	< LOQ	410		50.00	ppm
Benzene	< LOQ	2		1.000	ppm
Butanes	< LOQ	5000		1000	ppm
Cumene	< LOQ	70		35.00	ppm
Cyclohexane	< LOQ	3880		50.00	ppm
Dichloromethane	< LOQ	600		50.00	ppm
Ethyl acetate	< LOQ	5000		1000	ppm
Ethyl benzene	< LOQ	2170		35.00	ppm
Ethyl ether	< LOQ	5000		1000	ppm
Ethylene glycol	< LOQ	620		310.0	ppm
Ethylene oxide	< LOQ	50		25.00	ppm
Heptane	< LOQ	5000		1000	ppm
Hexanes	< LOQ	290		50.00	ppm
Isopropyl acetate	< LOQ	5000		1000	ppm
Methanol	< LOQ	3000		1000	ppm
Pentanes	< LOQ	5000		1000	ppm
Propane	< LOQ	5000		1000	ppm
Tetrahydrofuran	< LOQ	720		50.00	ppm
Toluene	< LOQ	890		50.00	ppm
Xylenes	< LOQ	2170		50.00	ppm

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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CBD/Hemp Distillate

Sample ID: G0A0387-05

Matrix: Extracts & Concentrates

Test ID: 5000910

Source ID: 12.2020

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Metals Analysis by ICPMS

Date/Time Extracted: 01/28/20 11:52

Analysis Method/SOP: HM-001

Analyte	Result	LOD	LOQ	Units
Arsenic	< LOQ	0.01	0.05	ug/g
Cadmium	< LOQ	0.001	0.05	ug/g
Lead	0.08	0.002	0.05	ug/g
Mercury	< LOQ	0.004	0.01	ug/g

Metal analyses are not accredited to ORELAP TNI 2009 Quality Standards.

<LOQ - Results below the Limit of Quantitation - Compound not detected

Note from Mission Farms CBD:

While lead is detectable due to high precision testing equipment, these levels are well below regulations. This concentration is 3.5ppb in our tinctures, which is 1/4 the federal concentration limit for water and 1/340 the concentration limit for vape pens in the state of Washington.

Analysis Subcontracted to Green Leaf Labs - SCCA.



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CBD/Hemp Distillate

Sample ID: G0A0387-05

Matrix: Extracts & Concentrates

Test ID: 5000910

Source ID: 12.2020

Date Sampled: 01/27/20

Date Accepted: 01/27/20

Mission Farms CBD

Molds and Fungi Screen

Date/Time Extracted: 01/27/20 14:51

Analysis Method/SOP: 301

Total Colonies: < LOQ CFU/g

This is not a doctor's recommendation. A large majority of samples fall within the 1400-8500 range.

Microbial colony counting is not accredited to ORELAP TNI 2009 or ISO 17025:2017 Quality Standards.



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Quality Control Pesticide Analysis

Batch: 2005020 - 202

Blank(2005020-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.4	ppm		01/28/20 10:24	01/29/20 16:09
DDVP (Dichlorvos)	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Acephate	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Acequinocyl	< LOQ	0.4	ppm		01/28/20 10:24	01/29/20 16:09
Acetamiprid	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Aldicarb	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Azoxystrobin	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Bifenazate	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Bifenthrin	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Boscalid	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Carbaryl	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Carbofuran	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Chlorantraniliprole	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Chlorfenapyr	< LOQ	0.4	ppm		01/28/20 10:24	01/29/20 02:47
Chlorpyrifos	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Chlorpyrifos	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Clofentezine	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Daminozide	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Cyfluthrin	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Diazinon	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Cypermethrin	< LOQ	0.4	ppm		01/28/20 10:24	01/29/20 02:47
Dimethoate	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Ethoprophos	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Etofenprox	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Etoxazole	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Fenoxycarb	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Fenpyroximate	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Flonicamid	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Fludioxonil	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Hexythiazox	< LOQ	0.1	ppm		01/28/20 10:24	01/29/20 16:09
Imazalil	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Fipronil	< LOQ	0.1	ppm		01/28/20 10:24	01/29/20 02:47
Imidacloprid	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Malathion	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Fludioxonil	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Metalaxyl	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Methiocarb	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Methomyl	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09



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Quality Control Pesticide Analysis (Continued)

Batch: 2005020 - 202 (Continued)

Blank(2005020-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Myclobutanil	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Kresoxim-methyl	< LOQ	0.1	ppm		01/28/20 10:24	01/29/20 02:47
Naled	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Malathion	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Oxamyl	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Paclobutrazol	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Methyl parathion	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
MGK-264	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Phosmet	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Piperonyl butoxide	< LOQ	0.9	ppm		01/28/20 10:24	01/29/20 16:09
Prallethrin	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Propoxur	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Permethrins	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Pyrethrins	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Pyridaben	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Propiconazole	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 02:47
Spinosad	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Spiromesifen	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Spirotetramat	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Spiroxamine	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Tebuconazole	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Thiacloprid	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Thiamethoxam	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09
Trifloxystrobin	< LOQ	0.06	ppm		01/28/20 10:24	01/29/20 16:09

LCS(2005020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	92.8	0.4	ppm	70-130	01/28/20 10:24	01/29/20 16:32
DDVP (Dichlorvos)	85.7	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Acephate	101	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Acequinocyl	31.5	0.4	ppm	5.57-33.8	01/28/20 10:24	01/29/20 16:32
Acetamiprid	90.3	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Aldicarb	92.1	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Azoxystrobin	91.0	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Bifenazate	73.2	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Bifenthrin	115	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Boscalid	80.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Carbaryl	88.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Carbofuran	88.8	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32



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Quality Control Pesticide Analysis (Continued)

Batch: 2005020 - 202 (Continued)

LCS(2005020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorantraniliprole	59.4	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Chlorfenapyr	126	0.4	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Chlorpyrifos	66.0	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Chlorpyrifos	95.7	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Clofentezine	16.8	0.06	ppm	14.4-62.3	01/28/20 10:24	01/29/20 16:32
Daminozide	1110	0.06	ppm	0-100	01/28/20 10:24	01/29/20 16:32
Cyfluthrin	101	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Diazinon	84.1	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Cypermethrin	74.4	0.4	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Dimethoate	90.3	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Ethoprophos	86.8	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Etofenprox	83.9	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Etoxazole	86.2	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Fenoxycarb	91.2	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Fenpyroximate	55.7	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Flonicamid	95.8	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Fludioxonil	90.0	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Hexythiazox	62.4	0.1	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Imazalil	75.4	0.06	ppm	57.9-96.4	01/28/20 10:24	01/29/20 16:32
Fipronil	118	0.1	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Imidacloprid	91.9	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Malathion	87.7	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Fludioxonil	86.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Metalaxyl	91.4	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Methiocarb	91.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Methomyl	66.9	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Myclobutanil	88.0	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Kresoxim-methyl	107	0.1	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Naled	148	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Malathion	110	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Oxamyl	94.9	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Paclobutrazol	86.5	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Methyl parathion	102	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
MGK-264	104	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Phosmet	84.4	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Piperonyl butoxide	84.0	0.9	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Prallethrin	92.7	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Propoxur	89.8	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32



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Quality Control Pesticide Analysis (Continued)

Batch: 2005020 - 202 (Continued)

LCS(2005020-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Permethrins	93.4	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Pyrethrins	43.2	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Pyridaben	85.2	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Propiconazole	95.1	0.06	ppm	70-130	01/28/20 10:24	01/29/20 03:09
Spinosad	66.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Spiromesifen	78.4	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Spirotetramat	105	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Spiroxamine	87.1	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Tebuconazole	79.6	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Thiacloprid	90.9	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Thiamethoxam	94.8	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32
Trifloxystrobin	89.0	0.06	ppm	70-130	01/28/20 10:24	01/29/20 16:32

Solvent Analysis

Batch: 2005013 - 205

Blank(2005013-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Acetonitrile	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
Benzene	< LOQ	1.000	ppm		01/27/20 12:05	01/28/20 09:25
Butanes	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
2-Butanol	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Cumene	< LOQ	35.00	ppm		01/27/20 12:05	01/28/20 09:25
Cyclohexane	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
Dichloromethane	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
1,4-Dioxane	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
2-Ethoxyethanol	< LOQ	80.00	ppm		01/27/20 12:05	01/28/20 09:25
Ethyl acetate	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Ethyl benzene	< LOQ	35.00	ppm		01/27/20 12:05	01/28/20 09:25
Ethylene glycol	< LOQ	310.0	ppm		01/27/20 12:05	01/28/20 09:25
Ethylene oxide	< LOQ	25.00	ppm		01/27/20 12:05	01/28/20 09:25
Ethyl ether	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Heptane	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Hexanes	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
Isopropyl acetate	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Methanol	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Pentanes	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Propane	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25



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Quality Control Solvent Analysis (Continued)

Batch: 2005013 - 205 (Continued)

Blank(2005013-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
2-Propanol (IPA)	< LOQ	1000	ppm		01/27/20 12:05	01/28/20 09:25
Tetrahydrofuran	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
Toluene	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25
Xylenes	< LOQ	50.00	ppm		01/27/20 12:05	01/28/20 09:25

LCS(2005013-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	97.5	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Acetonitrile	103	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Benzene	99.8	1.000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
n-Butane	90.4	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Butanes	88.6	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
2-Butanol	96.8	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Cumene	94.1	35.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Cyclohexane	98.4	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Dichloromethane	99.4	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
1,4-Dioxane	106	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
2-Ethoxyethanol	98.4	80.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Ethyl acetate	102	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Ethyl benzene	92.8	35.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Ethylene glycol	87.5	310.0	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Ethylene oxide	98.7	25.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Ethyl ether	98.4	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Heptane	96.6	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
n-Hexane	99.4	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Hexanes	101	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
iso-Butane	86.8	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Isopropyl acetate	98.7	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
iso-Pentane	95.2	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Methanol	96.6	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
2-Methylpentane	98.2	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
3-Methylpentane	99.6	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
neo-Pentane	92.5	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
n-Pentane	96.8	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Pentanes	94.8	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Propane	76.3	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
2-Propanol (IPA)	109	1000	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Tetrahydrofuran	98.9	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40
Toluene	99.2	50.00	ppm	70-130	01/27/20 12:05	01/27/20 17:40



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Quality Control Testing Official Report

Quality Control Mold and Fungi

Batch: 2005018 - 301

Blank(2005018-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Molds and Fungi	< LOQ	10.0	cfu/g		01/27/20 14:51	01/29/20 09:43

Blank(2005018-BLK2)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Molds and Fungi	< LOQ	10.0	cfu/g		01/27/20 14:51	01/29/20 09:43



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Quality Control Metals Analysis

Batch: 2005024 - Metals

Blank(2005024-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	< LOQ	0.05	ug/g		01/28/20 11:52	01/29/20 15:38
Lead	< LOQ	0.05	ug/g		01/28/20 11:52	01/29/20 15:38
Arsenic	< LOQ	0.05	ug/g		01/28/20 11:52	01/29/20 15:38
Mercury	< LOQ	0.01	ug/g		01/28/20 11:52	01/29/20 15:38

LCS(2005024-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Cadmium	100	0.05	ug/g	70-130	01/28/20 11:52	01/29/20 15:40
Lead	100	0.05	ug/g	70-130	01/28/20 11:52	01/29/20 15:40
Arsenic	103	0.05	ug/g	70-130	01/28/20 11:52	01/29/20 15:40
Mercury	78.8	0.01	ug/g	70-130	01/28/20 11:52	01/29/20 15:40