



Lifter

Sample ID: G2J0093-01 Matrix: Industrial Hemp
Test ID: 5028768
Source ID: Light Dep Field-2022-LIF
Date Sampled: 10/07/22 Date Accepted: 10/07/22
Harvest/Prod. Date: 9/15/22

Farm 168

Results at a Glance

Total THC : 0.64 %

Total CBD : 13 %

Total CBG : 0.32 %

Pesticides : PASS

Water Activity : 0.48 PASS

Percent Moisture : 9.04 % PASS

Total Terpenes : 2.880 % PASS

Mycotoxins : PASS



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Eric Wendt
Chief Science Officer - 10/12/2022

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Lifter

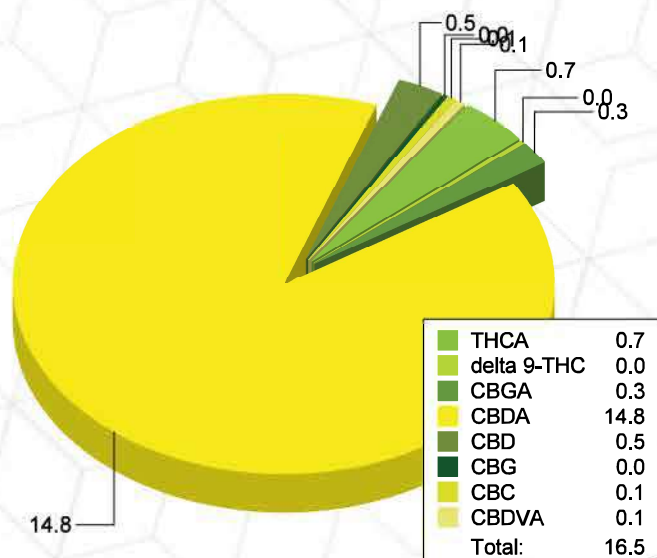
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Farm 168

Potency Analysis

Date/Time Extracted: 10/11/22 11:03 Analysis Method/SOP: 215 Batch Identification: 2242005

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.010	0.64	6.4	
Total CBD	0.009	13	130	
Total CBG	0.0009	0.32	3.2	
THCA	0.0005	0.70	7	
delta 9-THC	0.0005	0.025	0.25	
delta 8-THC	0.005	< LOQ	< LOQ	
THCV	0.006	< LOQ	< LOQ	
THCVA	0.002	< LOQ	< LOQ	
CBD	0.002	0.46	4.6	
CBDA	0.002	15	150	
CBDV	0.005	< LOQ	< LOQ	
CBDVA	0.002	0.10	1	
CBN	0.003	< LOQ	< LOQ	
CBG	0.0009	0.044	0.44	
CBGA	0.0009	0.31	3.1	
CBC	0.010	0.094	0.94	



Water Activity

Date/Time Extracted: 10/11/22 16:53 Analysis Method/SOP: 102

Water Activity: 0.48 at 24°C Action Level: 0.65

Moisture

Date/Time Extracted: 10/11/22 16:55 Analysis Method/SOP: 103

Moisture: 9.04 % Action Level: 15%

Potency results are reported on a dry weight basis.
Total THC = delta 9-THC + (THCA * 0.877)
Total CBD = CBD + (CBDA * 0.877)
Total CBG = CBG + (CBGA * 0.878)
LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Farm 168

Terpene Analysis by GCMS

Date/Time Extracted: 10/10/22 13:55

Analysis Method/SOP: 204

Date/Time Analyzed: 10/11/22 21:32

Analyte	Result	LOD	LOQ	Units	Analyte	Result	LOD	LOQ	Units
(-)-Borneol	< LOQ	0.001	0.003	mg/g	(+)-Borneol	< LOQ	0.001	0.003	mg/g
3-Carene	< LOQ	0.001	0.003	mg/g	alpha-Bisabolol	1.92	0.001	0.003	mg/g
alpha-Cedrene	< LOQ	0.001	0.003	mg/g	alpha-Humulene	1.8	0.001	0.003	mg/g
Alpha-Phellandrene	< LOQ	0.001	0.003	mg/g	alpha-Pinene	1.37	0.001	0.003	mg/g
alpha-Terpinene	< LOQ	0.001	0.003	mg/g	alpha-Thujone	< LOQ	0.001	0.003	mg/g
A-Terpineol	0.15	0.001	0.003	mg/g	beta-Caryophyllene	4.01	0.001	0.003	mg/g
beta-Myrcene	9.12	0.001	0.003	mg/g	beta-Pinene	0.66	0.001	0.003	mg/g
Camphene	< LOQ	0.001	0.003	mg/g	Camphor	< LOQ	0.001	0.003	mg/g
Carvacrol	< LOQ	0.001	0.003	mg/g	Carvone	< LOQ	0.001	0.003	mg/g
Caryophyllene Oxide	0.34	0.001	0.003	mg/g	Cedrol	< LOQ	0.001	0.003	mg/g
Cis-beta-Farnesene	< LOQ	0.001	0.003	mg/g	Cis-beta-Ocimene	< LOQ	0.001	0.003	mg/g
cis-Nerolidol	< LOQ	0.001	0.003	mg/g	Citral	< LOQ	0.001	0.003	mg/g
Citronellol	< LOQ	0.001	0.003	mg/g	Endo-fenchyl alcohol	0.17	0.001	0.003	mg/g
Eucalyptol	< LOQ	0.001	0.003	mg/g	Farnesol 1	2.22	0.001	0.003	mg/g
Farnesol 2	0.82	0.001	0.003	mg/g	gamma-Terpinene	< LOQ	0.001	0.003	mg/g
Geraniol	< LOQ	0.001	0.003	mg/g	Geranyl acetate	< LOQ	0.001	0.003	mg/g
Guaiol	0.78	0.001	0.003	mg/g	Isoborneol	< LOQ	0.001	0.003	mg/g
Isobornyl Acetate	< LOQ	0.001	0.003	mg/g	Isopulegol	< LOQ	0.001	0.003	mg/g
Limonene	1.35	0.001	0.003	mg/g	Linalool	0.45	0.001	0.003	mg/g
Menthol	< LOQ	0.001	0.003	mg/g	Menthone	< LOQ	0.001	0.003	mg/g
Nootkatone	< LOQ	0.001	0.003	mg/g	Octyl Acetate	< LOQ	0.001	0.003	mg/g
p-Cymene	< LOQ	0.001	0.003	mg/g	Phytane	< LOQ	0.001	0.003	mg/g
Piperitone	< LOQ	0.001	0.003	mg/g	Pulegone	< LOQ	0.001	0.003	mg/g
Sabinene	< LOQ	0.001	0.003	mg/g	Sabinene hydrate	< LOQ	0.001	0.003	mg/g
Safranal	< LOQ	0.001	0.003	mg/g	Squalene	0.78	0.001	0.003	mg/g
Terpinen-4-ol	< LOQ	0.001	0.003	mg/g	Terpinolene	< LOQ	0.001	0.003	mg/g
Thymol	< LOQ	0.001	0.003	mg/g	trans-beta-Farnesene	< LOQ	0.001	0.003	mg/g
trans-beta-Ocimene	2.02	0.001	0.003	mg/g	trans-Nerolidol	0.54	0.001	0.003	mg/g
Valencene	0.29	0.001	0.003	mg/g	Verbenone	< LOQ	0.001	0.003	mg/g
Total Terpenes	28.8	0.001	0.003	mg/g					

ND - Compound not detected, <LOQ - Results below the Limit of Quantitation
Terpenes are not Accredited by ORELAP to TNI 2016



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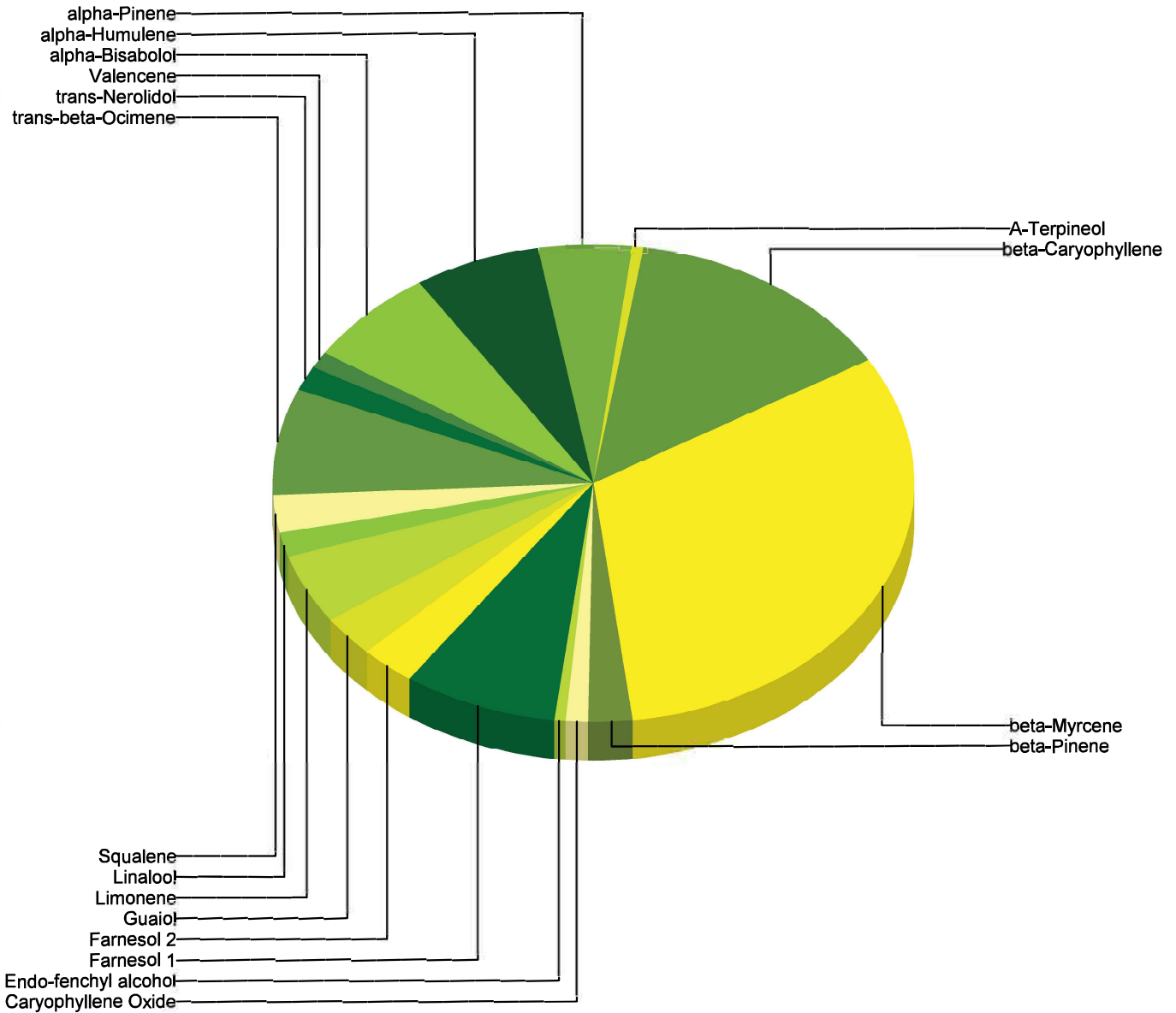


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Farm 168

Terpene Profile



Percentage of Total Terpenes Identified



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Source ID: Light Dep Field-2022-LIF

Date Sampled: 10/07/22 Date Accepted: 10/07/22

Harvest/Prod. Date: 9/15/22

Farm 168

Pesticide Analysis in ppm

Date/Time Extracted: 10/11/22 12:05

Analysis Method/SOP: 203

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.04	ppm		Acephate	< LOQ	0.4		0.04	ppm	
Acequinocyl	< LOQ	2		0.04	ppm		Acetamiprid	< LOQ	0.2		0.04	ppm	
Aldicarb	< LOQ	0.4		0.04	ppm		Azoxystrobin	< LOQ	0.2		0.04	ppm	
Bifenazate	< LOQ	0.2		0.04	ppm		Bifenthrin	< LOQ	0.2		0.04	ppm	
Boscalid	< LOQ	0.4		0.04	ppm		Carbaryl	< LOQ	0.2		0.04	ppm	
Carbofuran	< LOQ	0.2		0.04	ppm		Chlorantraniliprole	< LOQ	0.2		0.04	ppm	
Chlorfenapyr	< LOQ	1		0.04	ppm		Chlorpyrifos	< LOQ	0.2		0.04	ppm	
Clofentezine	< LOQ	0.2		0.04	ppm		Cyfluthrin	< LOQ	1		0.04	ppm	
Cypermethrin	< LOQ	1		0.04	ppm		Daminozide	< LOQ	1		0.04	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.04	ppm		Diazinon	< LOQ	0.2		0.04	ppm	
Dimethoate	< LOQ	0.2		0.04	ppm		Ethoprophos	< LOQ	0.2		0.04	ppm	
Etofenprox	< LOQ	0.4		0.04	ppm		Etoxazole	< LOQ	0.2		0.04	ppm	
Fenoxycarb	< LOQ	0.2		0.04	ppm		Fenpyroximate	< LOQ	0.4		0.04	ppm	
Fipronil	< LOQ	0.4		0.04	ppm		Fonicamid	< LOQ	1		0.04	ppm	
Fludioxonil	< LOQ	0.4		0.04	ppm		Hexythiazox	< LOQ	1		0.04	ppm	
Imazalil	< LOQ	0.2		0.04	ppm		Imidacloprid	< LOQ	0.4		0.04	ppm	
Kresoxim-methyl	< LOQ	0.4		0.04	ppm		Malathion	< LOQ	0.2		0.04	ppm	
Metalaxyl	< LOQ	0.2		0.04	ppm		Methiocarb	< LOQ	0.2		0.04	ppm	
Methomyl	< LOQ	0.4		0.04	ppm		Methyl parathion	< LOQ	0.2		0.04	ppm	
MGK-264	< LOQ	0.2		0.04	ppm		Myclobutanil	< LOQ	0.2		0.04	ppm	
Naled	< LOQ	0.5		0.04	ppm		Oxamyl	< LOQ	1		0.04	ppm	
Paclobutrazol	< LOQ	0.4		0.04	ppm		Permethrins	< LOQ	0.2		0.04	ppm	
Phosmet	< LOQ	0.2		0.04	ppm		Piperonyl butoxide	< LOQ	2		0.2	ppm	
Prallethrin	< LOQ	0.2		0.04	ppm		Propiconazole	< LOQ	0.4		0.04	ppm	
Propoxur	< LOQ	0.2		0.04	ppm		Pyrethrins	< LOQ	1		0.1	ppm	
Pyridaben	< LOQ	0.2		0.04	ppm		Spinosad	< LOQ	0.2		0.04	ppm	
Spiromesifen	0.05	0.2		0.04	ppm		Spirotetramat	< LOQ	0.2		0.04	ppm	
Spiroxamine	< LOQ	0.4		0.04	ppm		Tebuconazole	< LOQ	0.4		0.04	ppm	
Thiacloprid	< LOQ	0.2		0.04	ppm		Thiamethoxam	< LOQ	0.2		0.04	ppm	
Trifloxystrobin	< LOQ	0.2		0.04	ppm								

ND - Compound not detected

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



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Harvest/Prod. Date: 9/15/22

Farm 168

Mycotoxins by LCMSMS

Date/Time Extracted: 10/11/22 12:05

Analysis Method/SOP: Mycotoxins

Analyte	Result	LOD	LOQ	Units
afatoxin B1	< LOQ	5.00	6.25	ug/kg
afatoxin B2	< LOQ	5.00	6.25	ug/kg
afatoxin G1	< LOQ	5.00	6.25	ug/kg
afatoxin G2	< LOQ	5.00	6.25	ug/kg
ochratoxin A	< LOQ	5.00	6.25	ug/kg
Total Aflatoxins	< LOQ	5.00	6.25	ug/kg

Analysis Subcontracted to Green Leaf Lab.

<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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Quality Control Potency

Batch: 2242005 - 215-Hemp

Blank(2242005-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/11/22 11:03	10/11/22 17:43	
delta 9-THC	< LOQ	0.0005	%		10/11/22 11:03	10/11/22 17:43	
delta 8-THC	< LOQ	0.004	%		10/11/22 11:03	10/11/22 17:43	
THCV	< LOQ	0.005	%		10/11/22 11:03	10/11/22 17:43	
THCVA	< LOQ	0.002	%		10/11/22 11:03	10/11/22 17:43	
CBD	< LOQ	0.0005	%		10/11/22 11:03	10/11/22 17:43	
CBDA	< LOQ	0.0005	%		10/11/22 11:03	10/11/22 17:43	
CBDV	< LOQ	0.005	%		10/11/22 11:03	10/11/22 17:43	
CBDVA	< LOQ	0.002	%		10/11/22 11:03	10/11/22 17:43	
CBN	< LOQ	0.003	%		10/11/22 11:03	10/11/22 17:43	
CBG	< LOQ	0.0008	%		10/11/22 11:03	10/11/22 17:43	
CBGA	< LOQ	0.0008	%		10/11/22 11:03	10/11/22 17:43	
CBC	< LOQ	0.009	%		10/11/22 11:03	10/11/22 17:43	

Reference(2242005-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.7	0.0005	%	90-110	10/11/22 11:03	10/11/22 18:06	
delta 9-THC	100	0.0005	%	90-110	10/11/22 11:03	10/11/22 18:06	
delta 8-THC	108	0.004	%	90-110	10/11/22 11:03	10/11/22 18:06	
CBD	98.7	0.0005	%	90-110	10/11/22 11:03	10/11/22 18:06	
CBDA	99.0	0.0005	%	90-110	10/11/22 11:03	10/11/22 18:06	

Pesticide Analysis

Batch: 2242011 - 203

Blank(2242011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
DDVP (Dichlorvos)	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Acephate	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Acequinocyl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Acetamiprid	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Aldicarb	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Azoxystrobin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Bifenazate	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Bifenthrin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Boscalid	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Carbaryl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Carbofuran	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Chlorantraniliprole	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	



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Quality Control Pesticide Analysis (Continued)

Batch: 2242011 - 203 (Continued)

Blank(2242011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorfenapyr	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Chlorpyrifos	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Clofentezine	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Cyfluthrin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Cypermethrin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Daminozide	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Diazinon	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Dimethoate	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Ethoprophos	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Etofenprox	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Etoxazole	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Fenoxycarb	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Fenpyroximate	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Fipronil	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Flonicamid	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Fludioxonil	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Hexythiazox	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Imazalil	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Imidacloprid	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Kresoxim-methyl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Metalaxyl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Malathion	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Methiocarb	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Methomyl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Myclobutanil	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Methyl parathion	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Naled	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
MGK-264	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Oxamyl	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Paclobutrazol	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Phosmet	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Permethrins	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Piperonyl butoxide	< LOQ	0.2	ppm		10/11/22 12:05	10/11/22 18:00	
Prallethrin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Propiconazole	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 17:17	
Propoxur	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Pyrethrins	< LOQ	0.1	ppm		10/11/22 12:05	10/11/22 18:00	
Pyridaben	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	



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Quality Control Pesticide Analysis (Continued)

Batch: 2242011 - 203 (Continued)

Blank(2242011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spinosad	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Spiromesifen	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Spirotetramat	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Spiroxamine	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Tebuconazole	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Thiacloprid	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Thiamethoxam	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	
Trifloxystrobin	< LOQ	0.04	ppm		10/11/22 12:05	10/11/22 18:00	

LCS(2242011-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	87.5	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
DDVP (Dichlorvos)	95.5	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Acephate	107	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Acequinocyl	98.9	0.04	ppm	40-160	10/11/22 12:05	10/11/22 18:23	
Acetamiprid	108	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Aldicarb	115	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Azoxystrobin	113	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Bifenazate	107	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Bifenthrin	145	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
Boscalid	79.6	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Carbaryl	103	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Carbofuran	104	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Chlorantraniliprole	86.8	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Chlorfenapyr	84.5	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Chlorpyrifos	97.6	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Clofentezine	112	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Cyfluthrin	85.5	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Cypermethrin	81.6	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Daminozide	110	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Diazinon	104	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Dimethoate	99.7	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Ethoprophos	89.3	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Etofenprox	105	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
Etoxazole	107	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Fenoxycarb	109	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Fenpyroximate	105	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Fipronil	77.7	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Fonicamid	119	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	



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Quality Control Pesticide Analysis (Continued)

Batch: 2242011 - 203 (Continued)

LCS(2242011-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fludioxonil	90.5	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Hexythiazox	106	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Imazalil	102	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Imidacloprid	113	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Kresoxim-methyl	94.9	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Metalaxyl	110	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Malathion	90.6	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Methiocarb	104	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Methomyl	105	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Myclobutanil	107	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Methyl parathion	62.3	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Naled	109	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
MGK-264	98.8	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Oxamyl	113	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Paclobutrazol	105	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Phosmet	104	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
Permethrins	86.4	0.04	ppm	50-150	10/11/22 12:05	10/11/22 17:39	
Piperonyl butoxide	109	0.2	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Prallethrin	99.7	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Propiconazole	91.1	0.04	ppm	60-120	10/11/22 12:05	10/11/22 17:39	
Propoxur	101	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Pyrethrins	95.9	0.1	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Pyridaben	102	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
Spinosad	94.4	0.04	ppm	50-150	10/11/22 12:05	10/11/22 18:23	
Spiromesifen	112	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Spirotetramat	112	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Spiroxamine	116	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Tebuconazole	108	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Thiacloprid	107	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Thiamethoxam	114	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	
Trifloxystrobin	109	0.04	ppm	60-120	10/11/22 12:05	10/11/22 18:23	

Terpene Analysis

Batch: 2242005 - 215-Hemp

Blank(2242005-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Camphene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	



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Quality Control Terpene Analysis (Continued)

Batch: 2242005 - 215-Hemp (Continued)

Blank(2242005-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Camphor	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
3-Carene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
beta-Caryophyllene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Caryophyllene Oxide	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
alpha-Cedrene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Cedrol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Endo-fenchyl alcohol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Eucalyptol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Geraniol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Geranyl acetate	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Guaiol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
alpha-Humulene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Isoborneol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Isopulegol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Limonene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Linalool	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
beta-Myrcene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
trans-Nerolidol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
alpha-Pinene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
beta-Pinene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Pulegone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Sabinene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Sabinene hydrate	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
gamma-Terpinene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
alpha-Terpinene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Terpinolene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Valencene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Verbenone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
trans-beta-Farnesene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
A-Terpineol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
cis-Nerolidol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Thymol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Terpinen-4-ol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Squalene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Safranal	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Piperitone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Phytane	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
p-Cymene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	



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Quality Control Terpene Analysis (Continued)

Batch: 2242005 - 215-Hemp (Continued)

Blank(2242005-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Octyl Acetate	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Noofkatone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Menthone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Menthol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Isobornyl Acetate	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Farnesol 1	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Carvone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
alpha-Thujone	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Alpha-Phellandrene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
(+)-Borneol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
(-)-Borneol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Carvacrol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
trans-beta-Ocimene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Cis-beta-Ocimene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Citral	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Citronellol	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Farnesol 2	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	
Cis-beta-Farnesene	< LOQ	0.00025	%		10/10/22 13:55	10/11/22 20:37	

Reference(2242005-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	76.6	0.00025	%	70-130	10/10/22 13:55	10/11/22 20:55	
alpha-Humulene	113	0.00025	%	70-130	10/10/22 13:55	10/11/22 20:55	
Limonene	73.7	0.00025	%	70-130	10/10/22 13:55	10/11/22 20:55	
beta-Myrcene	75.3	0.00025	%	70-130	10/10/22 13:55	10/12/22 10:33	

Batch: 2242011 - 203

Blank(2242011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	< LOQ	6.25	ug/kg		10/11/22 12:05	10/11/22 17:59	
aflatoxin B2	< LOQ	6.25	ug/kg		10/11/22 12:05	10/11/22 17:59	
aflatoxin G1	< LOQ	6.25	ug/kg		10/11/22 12:05	10/11/22 17:59	
aflatoxin G2	< LOQ	6.25	ug/kg		10/11/22 12:05	10/11/22 17:59	
ochratoxin A	< LOQ	6.25	ug/kg		10/11/22 12:05	10/11/22 17:59	

LCS(2242011-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	90.3	6.25	ug/kg	60-120	10/11/22 12:05	10/11/22 18:09	
aflatoxin B2	89.3	6.25	ug/kg	60-120	10/11/22 12:05	10/11/22 18:09	
aflatoxin G1	95.3	6.25	ug/kg	60-120	10/11/22 12:05	10/11/22 18:09	
aflatoxin G2	92.2	6.25	ug/kg	60-120	10/11/22 12:05	10/11/22 18:09	



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Quality Control Mycotoxins (Continued)

Batch: 2242011 - 203 (Continued)

LCS(2242011-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
ochratoxin A	75.3	6.25	ug/kg	60-120	10/11/22 12:05	10/11/22 18:09	

Batch: 2242018 - 103

Blank(2242018-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.560		%		10/11/22 16:55	10/11/22 16:55	

Blank(2242018-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.600		%		10/11/22 16:55	10/11/22 16:55	

Reference(2242018-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	111		%	80-120	10/11/22 16:55	10/11/22 16:55	

Reference(2242018-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	112		%	80-120	10/11/22 16:55	10/11/22 16:55	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.
Quality Control samples were tested as received.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP recovery accuracy in Matrix Spike.
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
Internal Standard concentration outside control limit due to matrix interference



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