



### CBD Isolate GVL-TST415

Sample ID: G2L0017-02      Matrix: Hemp Extracts &  
Test ID: 5026196  
Source ID:  
Date Sampled: 12/01/22      Date Accepted: 12/01/22  
Harvest/Prod. Date: 11.30.2022



#### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 98.74 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Colonies : <LOQ cfu/g PASS

METALS : PASS



Eric Wendt  
Chief Science Officer - 12/9/2022



### CBD Isolate GVL-TST415

Sample ID: G2L0017-02

Matrix: Hemp Extracts &

Test ID: 5026196

Source ID:

Date Sampled: 12/01/22

Date Accepted: 12/01/22

Harvest/Prod. Date: 11.30.2022



### Potency Analysis

Date/Time Extracted: 12/03/22 14:37

Analysis Method/SOP: 215

Batch Identification: 2249079

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>Legend:  <span style="color: green;">■</span> CBD 98.7  <span style="color: yellow;">■</span> CBDV 0.8  Total: 99.5</p>
Total CBD	0.0431	98.74	987.4	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	98.74	987.4	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	0.7774	7.774	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		99.52	995.2	

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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### CBD Isolate GVL-TST415

Sample ID: G2L0017-02

Matrix: Hemp Extracts &

Test ID: 5026196

Source ID:

Date Sampled: 12/01/22

Date Accepted: 12/01/22

Harvest/Prod. Date: 11.30.2022



### Pesticide Analysis in ppm

Date/Time Extracted: 12/02/22 10:12

Analysis Method/SOP: 202

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

ND - Compound not detected

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



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Chief Science Officer - 12/9/2022

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Test ID: 5026196

Source ID:

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Date Accepted: 12/01/22

Harvest/Prod. Date: 11.30.2022



### Residual Solvents

Date/Time Extracted: 12/02/22 11:33

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units	Notes
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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Source ID:

Date Sampled: 12/01/22 Date Accepted: 12/01/22

Harvest/Prod. Date: 11.30.2022



### Metals Analysis by ICPMS

Date/Time Extracted: 12/08/22 11:15

Analysis Method/SOP: HM-001

Analyte	Result	LOD	LOQ	Units
Arsenic	< LOQ	0.0110	0.0500	ug/g
Cadmium	< LOQ	0.00100	0.0500	ug/g
Lead	< LOQ	0.00150	0.0500	ug/g
Mercury	< LOQ	0.00350	0.0100	ug/g

Metal analyses are not accredited to ORELAP TNI 2009 Quality Standards.  
<LOQ - Results below the Limit of Quantitation - Compound not detected

Analysis Subcontracted to Green Leaf Labs - SCCA.



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Matrix: Hemp Extracts &

Test ID: 5026196

Source ID:

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Date Accepted: 12/01/22

Harvest/Prod. Date: 11.30.2022



### Molds and Fungi Screen

Date/Time Extracted: 12/03/22 11:46

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 Potency

Batch: 2249079 - 215-Concentrates

Blank(2249079-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/03/22 14:37	12/05/22 10:01	
delta 9-THC	< LOQ	0.0005	%		12/03/22 14:37	12/05/22 10:01	
delta 8-THC	< LOQ	0.0934	%		12/03/22 14:37	12/05/22 10:01	
THCV	< LOQ	0.1052	%		12/03/22 14:37	12/05/22 10:01	
THCVA	< LOQ	0.0392	%		12/03/22 14:37	12/05/22 10:01	
CBD	< LOQ	0.0005	%		12/03/22 14:37	12/05/22 10:01	
CBDA	< LOQ	0.0005	%		12/03/22 14:37	12/05/22 10:01	
CBDV	< LOQ	0.1040	%		12/03/22 14:37	12/05/22 10:01	
CBDVA	< LOQ	0.0341	%		12/03/22 14:37	12/05/22 10:01	
CBN	< LOQ	0.0622	%		12/03/22 14:37	12/05/22 10:01	
CBG	< LOQ	0.0164	%		12/03/22 14:37	12/05/22 10:01	
CBGA	< LOQ	0.0164	%		12/03/22 14:37	12/05/22 10:01	
CBC	< LOQ	0.0186	%		12/03/22 14:37	12/05/22 10:01	

Reference(2249079-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0002	%	90-110	12/03/22 14:37	12/05/22 10:24	
delta 9-THC	101	0.0002	%	90-110	12/03/22 14:37	12/05/22 10:24	
delta 8-THC	102	0.0461	%	90-110	12/03/22 14:37	12/05/22 10:24	
CBD	100	0.0002	%	90-110	12/03/22 14:37	12/05/22 10:24	
CBDA	103	0.0002	%	90-110	12/03/22 14:37	12/05/22 10:24	

### Pesticide Analysis

Batch: 2249064 - 202

Blank(2249064-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Acephate	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Acequinocyl	< LOQ	0.5	ppm		12/02/22 10:12	12/03/22 03:35	
Acetamiprid	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Aldicarb	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Azoxystrobin	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Bifenazate	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Bifenthrin	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Boscalid	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Carbaryl	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Carbofuran	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Chlorantraniliprole	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Chlorfenapyr	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2249064 - 202 (Continued)

Blank(2249064-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Clofentezine	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Daminozide	< LOQ	0.5	ppm		12/02/22 10:12	12/03/22 03:35	
Cyfluthrin	< LOQ	0.5	ppm		12/02/22 10:12	12/03/22 08:07	
Diazinon	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Cypermethrin	< LOQ	0.5	ppm		12/02/22 10:12	12/03/22 08:07	
Dimethoate	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Ethoprophos	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Etofenprox	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Etoxazole	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Fenoxycarb	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Fenpyroximate	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Flonicamid	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Hexythiazox	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Imazalil	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Fipronil	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Imidacloprid	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Fludioxonil	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Metalaxyl	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Methiocarb	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Methomyl	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Myclobutanil	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Kresoxim-methyl	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Naled	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Malathion	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Oxamyl	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Paclobutrazol	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Permethrins	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Methyl parathion	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
MGK-264	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Phosmet	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Piperonyl butoxide	< LOQ	0.9	ppm		12/02/22 10:12	12/03/22 03:35	
Prallethrin	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Propoxur	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Pyrethrins	< LOQ	0.5	ppm		12/02/22 10:12	12/03/22 03:35	
Pyridaben	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Propiconazole	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 08:07	
Spinosad	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2249064 - 202 (Continued)

Blank(2249064-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Spirotetramat	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Spiroxamine	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Tebuconazole	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Thiacloprid	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Thiamethoxam	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
Trifloxystrobin	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		12/02/22 10:12	12/03/22 03:35	

LCS(2249064-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	92.7	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Acephate	107	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Acequinocyl	95.9	0.5	ppm	40-160	12/02/22 10:12	12/03/22 03:58	
Acetamiprid	103	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Aldicarb	109	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Azoxystrobin	110	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Bifenazate	105	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Bifenthrin	124	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Boscalid	84.5	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Carbaryl	112	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Carbofuran	107	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Chlorantraniliprole	72.0	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Chlorfenapyr	116	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Chlorpyrifos	114	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Clofentezine	105	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Daminozide	94.8	0.5	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Cyfluthrin	76.1	0.5	ppm	50-150	12/02/22 10:12	12/03/22 08:29	
Diazinon	111	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Cypermethrin	77.0	0.5	ppm	50-150	12/02/22 10:12	12/03/22 08:29	
Dimethoate	110	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Ethoprophos	117	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Etofenprox	116	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Etoxazole	109	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Fenoxycarb	112	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Fenpyroximate	129	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	BSH
Flonicamid	78.1	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Hexythiazox	118	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Imazalil	102	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2249064 - 202 (Continued)

LCS(2249064-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	107	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Imidacloprid	89.5	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Fludioxonil	97.6	0.1	ppm	50-150	12/02/22 10:12	12/03/22 08:29	
Metalaxyl	108	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Methiocarb	115	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Methomyl	110	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Myclobutanil	106	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Kresoxim-methyl	105	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Naled	115	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Malathion	89.5	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Oxamyl	109	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Paclobutrazol	98.8	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Permethrins	100	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Methyl parathion	73.4	0.1	ppm	50-150	12/02/22 10:12	12/03/22 08:29	
MGK-264	114	0.1	ppm	50-150	12/02/22 10:12	12/03/22 08:29	
Phosmet	112	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Piperonyl butoxide	86.1	0.9	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Prallethrin	121	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	BSH
Propoxur	111	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Pyrethrins	95.6	0.5	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Pyridaben	122	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Propiconazole	88.6	0.1	ppm	60-120	12/02/22 10:12	12/03/22 08:29	
Spinosad	105	0.1	ppm	50-150	12/02/22 10:12	12/03/22 03:58	
Spiromesifen	111	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Spirotetramat	105	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Spiroxamine	104	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Tebuconazole	62.8	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Thiacloprid	104	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Thiamethoxam	96.6	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
Trifloxystrobin	110	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	
DDVP (Dichlorvos)	120	0.1	ppm	60-120	12/02/22 10:12	12/03/22 03:58	

### Solvent Analysis

Batch: 2249070 - 205

Blank(2249070-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Acetonitrile	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	



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### Quality Control Solvent Analysis (Continued)

Batch: 2249070 - 205 (Continued)

Blank(2249070-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		12/02/22 11:33	12/05/22 09:30	
Butanes	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
2-Butanol	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Cumene	< LOQ	35.00	ppm		12/02/22 11:33	12/05/22 09:30	
Cyclohexane	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
Dichloromethane	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
1,4-Dioxane	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
2-Ethoxyethanol	< LOQ	80.00	ppm		12/02/22 11:33	12/05/22 09:30	
Ethyl acetate	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Ethyl benzene	< LOQ	35.00	ppm		12/02/22 11:33	12/05/22 09:30	
Ethylene glycol	< LOQ	310.0	ppm		12/02/22 11:33	12/05/22 09:30	
Ethylene oxide	< LOQ	25.00	ppm		12/02/22 11:33	12/05/22 09:30	
Ethyl ether	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Heptane	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Hexanes	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
Isopropyl acetate	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Methanol	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Pentanes	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Propane	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
2-Propanol (IPA)	< LOQ	1000	ppm		12/02/22 11:33	12/05/22 09:30	
Tetrahydrofuran	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
Toluene	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	
Xylenes	< LOQ	50.00	ppm		12/02/22 11:33	12/05/22 09:30	

LCS(2249070-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	68.2	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Acetonitrile	80.8	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Benzene	57.6	1.000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
Butanes	77.7	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
2-Butanol	69.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Cumene	45.1	35.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
Cyclohexane	56.6	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
Dichloromethane	77.8	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
1,4-Dioxane	49.3	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
2-Ethoxyethanol	60.7	80.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Ethyl acetate	65.1	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Ethyl benzene	49.4	35.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
Ethylene glycol	27.0	310.0	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL



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### Quality Control Solvent Analysis (Continued)

Batch: 2249070 - 205 (Continued)

LCS(2249070-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	80.8	25.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Ethyl ether	68.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Heptane	80.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Hexanes	51.8	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL
Isopropyl acetate	62.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Methanol	93.7	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Pentanes	71.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Propane	73.5	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
2-Propanol (IPA)	76.8	1000	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Tetrahydrofuran	81.9	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	
Toluene	51.6	50.00	ppm	60-120	12/02/22 11:33	12/03/22 19:44	BSL

### Mold and Fungi

Batch: 2249075 - 301

Blank(2249075-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Molds and Fungi	< LOQ	10.0	cfu/g		12/03/22 11:46	12/05/22 11:27	

Blank(2249075-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Molds and Fungi	< LOQ	10.0	cfu/g		12/03/22 11:46	12/05/22 11:27	



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### Quality Control Metals Analysis

#### Batch: 2250049 - Metals

Blank(2250049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		12/08/22 11:15	12/08/22 17:07	
Lead	< LOQ	0.0500	ug/g		12/08/22 11:15	12/08/22 17:07	
Arsenic	< LOQ	0.0500	ug/g		12/08/22 11:15	12/08/22 17:07	
Mercury	< LOQ	0.0100	ug/g		12/08/22 11:15	12/08/22 17:07	

LCS(2250049-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	92.8	0.0500	ug/g	70-130	12/08/22 11:15	12/08/22 17:09	
Lead	97.2	0.0500	ug/g	70-130	12/08/22 11:15	12/08/22 17:09	
Arsenic	105	0.0500	ug/g	70-130	12/08/22 11:15	12/08/22 17:09	
Mercury	83.7	0.0100	ug/g	70-130	12/08/22 11:15	12/08/22 17:09	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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
  - 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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