



### CBG Isolate GVL-TST405

Sample ID: G2L0028-02

Matrix: Hemp Extracts &

Test ID: 5026199

Source ID:

Date Sampled: 12/02/22

Date Accepted: 12/02/22

**GVB Oregon**

bharath@gvbbiopharma.com

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

Total CBG : 99.53 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Colonies : <LOQ cfu/g PASS

METALS : PASS



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LABORATORY**

Eric Wendt  
Chief Science Officer - 12/9/2022



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### Potency Analysis

Date/Time Extracted: 12/06/22 10:50

Analysis Method/SOP: 215

Batch Identification: 2250011

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	
Total CBD	0.0431	< LOQ	< LOQ	
Total CBG	0.0164	99.53	995.3	
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	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	99.53	995.3	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		<b>99.53</b>	<b>995.3</b>	

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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### Pesticide Analysis in ppm

Date/Time Extracted: 12/05/22 11:56

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**.



Eric Wendt  
Chief Science Officer - 12/9/2022

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### Residual Solvents

Date/Time Extracted: 12/05/22 12:36

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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### 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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Test ID: 5026199

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### 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: 2250011 - 215-Concentrates

Blank(2250011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/06/22 10:50	12/06/22 16:17	
delta 9-THC	< LOQ	0.0005	%		12/06/22 10:50	12/06/22 16:17	
delta 8-THC	< LOQ	0.0934	%		12/06/22 10:50	12/06/22 16:17	
THCV	< LOQ	0.1052	%		12/06/22 10:50	12/06/22 16:17	
THCVA	< LOQ	0.0392	%		12/06/22 10:50	12/06/22 16:17	
CBD	< LOQ	0.0005	%		12/06/22 10:50	12/06/22 16:17	
CBDA	< LOQ	0.0005	%		12/06/22 10:50	12/06/22 16:17	
CBDV	< LOQ	0.1040	%		12/06/22 10:50	12/06/22 16:17	
CBDVA	< LOQ	0.0341	%		12/06/22 10:50	12/06/22 16:17	
CBN	< LOQ	0.0622	%		12/06/22 10:50	12/06/22 16:17	
CBG	< LOQ	0.0164	%		12/06/22 10:50	12/06/22 16:17	
CBGA	< LOQ	0.0164	%		12/06/22 10:50	12/06/22 16:17	
CBC	< LOQ	0.0186	%		12/06/22 10:50	12/06/22 16:17	

Reference(2250011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0002	%	90-110	12/06/22 10:50	12/06/22 16:40	
delta 9-THC	95.2	0.0002	%	90-110	12/06/22 10:50	12/06/22 16:40	
delta 8-THC	91.5	0.0463	%	90-110	12/06/22 10:50	12/06/22 16:40	
CBD	96.3	0.0002	%	90-110	12/06/22 10:50	12/06/22 16:40	
CBDA	97.3	0.0002	%	90-110	12/06/22 10:50	12/06/22 16:40	

### Pesticide Analysis

Batch: 2250004 - 202

Blank(2250004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Acephate	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Acequinocyl	< LOQ	0.5	ppm		12/05/22 11:56	12/05/22 17:15	
Acetamiprid	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Aldicarb	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Azoxystrobin	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Bifenazate	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Bifenthrin	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Boscalid	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Carbaryl	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Carbofuran	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Chlorantraniliprole	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Chlorfenapyr	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2250004 - 202 (Continued)

Blank(2250004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Clofentezine	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Daminozide	< LOQ	0.5	ppm		12/05/22 11:56	12/05/22 17:15	
Cyfluthrin	< LOQ	0.5	ppm		12/05/22 11:56	12/06/22 10:11	
Diazinon	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Cypermethrin	< LOQ	0.5	ppm		12/05/22 11:56	12/06/22 10:11	
Dimethoate	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Ethoprophos	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Etofenprox	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Etoxazole	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Fenoxycarb	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Fenpyroximate	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Flonicamid	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Hexythiazox	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Imazalil	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Fipronil	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Imidacloprid	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Fludioxonil	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Metalaxyl	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Methiocarb	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Methomyl	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Myclobutanil	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Kresoxim-methyl	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Naled	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Malathion	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Oxamyl	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Paclobutrazol	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Permethrins	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Methyl parathion	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
MGK-264	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Phosmet	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Piperonyl butoxide	< LOQ	0.9	ppm		12/05/22 11:56	12/05/22 17:15	
Prallethrin	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Propoxur	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Pyrethrins	< LOQ	0.5	ppm		12/05/22 11:56	12/05/22 17:15	
Pyridaben	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Propiconazole	< LOQ	0.1	ppm		12/05/22 11:56	12/06/22 10:11	
Spinosad	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2250004 - 202 (Continued)

Blank(2250004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Spirotetramat	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Spiroxamine	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Tebuconazole	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Thiacloprid	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Thiamethoxam	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
Trifloxystrobin	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		12/05/22 11:56	12/05/22 17:15	

LCS(2250004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	109	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Acephate	105	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Acequinocyl	109	0.5	ppm	40-160	12/05/22 11:56	12/05/22 17:38	
Acetamiprid	99.8	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Aldicarb	102	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Azoxystrobin	107	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Bifenazate	119	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Bifenthrin	106	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Boscalid	100	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Carbaryl	108	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Carbofuran	103	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Chlorantraniliprole	71.3	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Chlorfenapyr	64.3	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Chlorpyrifos	110	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Clofentezine	83.6	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Daminozide	86.4	0.5	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Cyfluthrin	72.9	0.5	ppm	50-150	12/05/22 11:56	12/06/22 10:33	
Diazinon	104	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Cypermethrin	74.6	0.5	ppm	50-150	12/05/22 11:56	12/06/22 10:33	
Dimethoate	102	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Ethoprophos	112	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Etofenprox	109	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Etoxazole	106	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Fenoxycarb	107	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Fenpyroximate	117	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Flonicamid	75.8	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Hexythiazox	113	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Imazalil	106	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2250004 - 202 (Continued)

LCS(2250004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	107	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Imidacloprid	91.9	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Fludioxonil	90.8	0.1	ppm	50-150	12/05/22 11:56	12/06/22 10:33	
Metalaxyl	104	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Methiocarb	105	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Methomyl	103	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Myclobutanil	91.5	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Kresoxim-methyl	90.9	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Naled	103	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Malathion	89.2	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Oxamyl	103	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Paclobutrazol	92.2	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Permethrins	100	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Methyl parathion	81.9	0.1	ppm	50-150	12/05/22 11:56	12/06/22 10:33	
MGK-264	107	0.1	ppm	50-150	12/05/22 11:56	12/06/22 10:33	
Phosmet	107	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Piperonyl butoxide	104	0.9	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Prallethrin	111	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Propoxur	103	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Pyrethrins	93.1	0.5	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Pyridaben	116	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Propiconazole	82.7	0.1	ppm	60-120	12/05/22 11:56	12/06/22 10:33	
Spinosad	115	0.1	ppm	50-150	12/05/22 11:56	12/05/22 17:38	
Spiromesifen	106	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Spirotetramat	102	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Spiroxamine	96.6	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Tebuconazole	92.0	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Thiacloprid	98.5	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Thiamethoxam	92.3	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
Trifloxystrobin	106	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	
DDVP (Dichlorvos)	110	0.1	ppm	60-120	12/05/22 11:56	12/05/22 17:38	

### Solvent Analysis

Batch: 2250006 - 205

Blank(2250006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Acetonitrile	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	



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### Quality Control Solvent Analysis (Continued)

Batch: 2250006 - 205 (Continued)

Blank(2250006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		12/05/22 12:36	12/06/22 11:28	
Butanes	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
2-Butanol	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Cumene	< LOQ	35.00	ppm		12/05/22 12:36	12/06/22 11:28	
Cyclohexane	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
Dichloromethane	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
1,4-Dioxane	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
2-Ethoxyethanol	< LOQ	80.00	ppm		12/05/22 12:36	12/06/22 11:28	
Ethyl acetate	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Ethyl benzene	< LOQ	35.00	ppm		12/05/22 12:36	12/06/22 11:28	
Ethylene glycol	< LOQ	310.0	ppm		12/05/22 12:36	12/06/22 11:28	
Ethylene oxide	< LOQ	25.00	ppm		12/05/22 12:36	12/06/22 11:28	
Ethyl ether	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Heptane	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Hexanes	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
Isopropyl acetate	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Methanol	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Pentanes	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Propane	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
2-Propanol (IPA)	< LOQ	1000	ppm		12/05/22 12:36	12/06/22 11:28	
Tetrahydrofuran	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
Toluene	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	
Xylenes	< LOQ	50.00	ppm		12/05/22 12:36	12/06/22 11:28	

LCS(2250006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	66.6	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Acetonitrile	77.3	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Benzene	57.0	1.000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
Butanes	63.9	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
2-Butanol	69.1	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Cumene	45.6	35.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
Cyclohexane	53.8	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
Dichloromethane	74.1	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
1,4-Dioxane	50.0	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
2-Ethoxyethanol	63.0	80.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Ethyl acetate	63.7	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Ethyl benzene	49.8	35.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
Ethylene glycol	46.4	310.0	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL



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### Quality Control Solvent Analysis (Continued)

Batch: 2250006 - 205 (Continued)

LCS(2250006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	76.0	25.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Ethyl ether	64.3	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Heptane	71.9	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Hexanes	46.1	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
Isopropyl acetate	62.4	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Methanol	88.7	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Pentanes	61.5	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Propane	60.0	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	BSL
2-Propanol (IPA)	74.5	1000	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Tetrahydrofuran	76.9	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	
Toluene	51.9	50.00	ppm	60-120	12/05/22 12:36	12/05/22 17:03	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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