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

Quality Control Testing
Official Report

CBD Iso GVL-TST651

Sample ID: G3E0381-01 **Matrix:** Hemp Extracts & Concentrates
Test ID: 5025443
Source ID:
Date Sampled: 05/26/23 **Date Accepted:** 05/26/23

Harvest/Prod. Date: 05.25.2023

GVB Oregon
info@gvbbiopharma.com

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 98.95 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Colonies : <LOQ cfu/g PASS

Metals : PASS

Eric Wendt
Chief Science Officer - 5/31/2023

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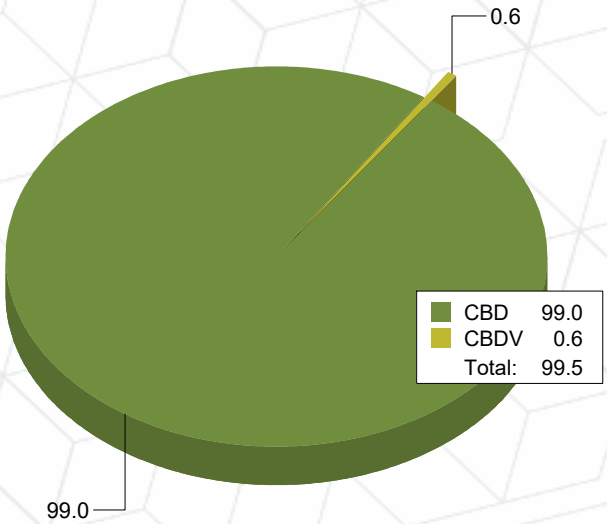
Potency Analysis by HPLC

Date/Time Extracted: 05/30/23 11:59 **Analysis Method/SOP: 215** **Batch Identification: 2322007**

Cannabinoids	LOQ (%)	% by Wt.	mg/g
Total THC	0.1577	< LOQ	< LOQ
Total CBD	0.0431	98.95	989.5
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	98.95	989.5
CBDA	0.0005	< LOQ	< LOQ
CBDV	0.1040	0.5678	5.678
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
Total Cannabinoids		99.52	995.2

Cannabinoids Profile



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.

QUALITY MANAGEMENT SYSTEM
ISO 17025
ACCREDITED
LABORATORY

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Pesticide Analysis by LCMSMS and GCMSMS

Date/Time Extracted: 05/30/23 10:45
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		Acetamiprid	< 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		Flonicamid	< 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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Residual Solvents by GCMS-HS

Date/Time Extracted: 05/26/23 13:58 **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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Harvest/Prod. Date: 05.25.2023

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Molds and Fungi Screen

Date/Time Extracted: 05/27/23 15:26 **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 accrediated to ORELAP TNI 2009 or ISO 17025:2017 Quality Standards.

Metals by ICPMS

Date/Time Extracted: 05/26/23 11:08 **Analysis Method/SOP: Metals**

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	< LOQ	0.2	0.03	0.08	ug/g
Cadmium	< LOQ	0.2	0.02	0.08	ug/g
Lead	< LOQ	0.5	0.01	0.08	ug/g
Mercury	< LOQ	0.1	0.01	0.04	ug/g

<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: 2322007 - 215-Concentrates

Blank(2322007-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/30/23 11:59	05/30/23 16:50	
delta 9-THC	< LOQ	0.0005	%		05/30/23 11:59	05/30/23 16:50	
delta 8-THC	< LOQ	0.0934	%		05/30/23 11:59	05/30/23 16:50	
THCV	< LOQ	0.1052	%		05/30/23 11:59	05/30/23 16:50	
THCVA	< LOQ	0.0392	%		05/30/23 11:59	05/30/23 16:50	
CBD	< LOQ	0.0005	%		05/30/23 11:59	05/30/23 16:50	
CBDA	< LOQ	0.0005	%		05/30/23 11:59	05/30/23 16:50	
CBDV	< LOQ	0.1040	%		05/30/23 11:59	05/30/23 16:50	
CBDVA	< LOQ	0.0341	%		05/30/23 11:59	05/30/23 16:50	
CBN	< LOQ	0.0622	%		05/30/23 11:59	05/30/23 16:50	
CBG	< LOQ	0.0164	%		05/30/23 11:59	05/30/23 16:50	
CBGA	< LOQ	0.0164	%		05/30/23 11:59	05/30/23 16:50	
CBC	< LOQ	0.0186	%		05/30/23 11:59	05/30/23 16:50	

Reference(2322007-SRM1)

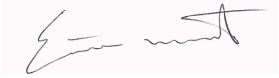
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.3	0.0002	%	90-110	05/30/23 11:59	05/30/23 17:13	
delta 9-THC	107	0.0002	%	90-110	05/30/23 11:59	05/30/23 17:13	
delta 8-THC	96.3	0.0450	%	90-110	05/30/23 11:59	05/30/23 17:13	
CBD	108	0.0002	%	90-110	05/30/23 11:59	05/30/23 17:13	
CBDA	92.1	0.0002	%	90-110	05/30/23 11:59	05/30/23 17:13	

Pesticide Analysis

Batch: 2322004 - 202

Blank(2322004-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Acephate	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Acequinocyl	< LOQ	0.5	ppm		05/30/23 10:45	05/30/23 20:57	
Acetamiprid	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Aldicarb	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Azoxystrobin	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Bifenazate	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Bifenthrin	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Boscalid	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Carbaryl	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Carbofuran	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Chlorantraniliprole	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Chlorfenapyr	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	



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Quality Control

Pesticide Analysis (Continued)

Batch: 2322004 - 202 (Continued)

Blank(2322004-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Clofentezine	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Daminozide	< LOQ	0.5	ppm		05/30/23 10:45	05/30/23 20:57	
Cyfluthrin	< LOQ	0.5	ppm		05/30/23 10:45	05/30/23 17:18	
Diazinon	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Cypermethrin	< LOQ	0.5	ppm		05/30/23 10:45	05/30/23 17:18	
Dimethoate	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Ethoprophos	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Etofenprox	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Etoxazole	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Fenoxycarb	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Fenpyroximate	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Flonicamid	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Hexythiazox	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Imazalil	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Fipronil	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Imidacloprid	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Fludioxonil	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Metalaxyl	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Methiocarb	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Methomyl	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Myclobutanil	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Kresoxim-methyl	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Naled	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Malathion	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Oxamyl	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Paclobutrazol	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Permethrins	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Methyl parathion	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
MGK-264	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Phosmet	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Piperonyl butoxide	< LOQ	0.9	ppm		05/30/23 10:45	05/30/23 20:57	
Prallethrin	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Propoxur	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Pyrethrins	< LOQ	0.5	ppm		05/30/23 10:45	05/30/23 20:57	
Pyridaben	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Propiconazole	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 17:18	
Spinosad	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	

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Quality Control

Pesticide Analysis (Continued)

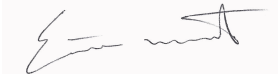
Batch: 2322004 - 202 (Continued)

Blank(2322004-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Spirotetramat	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Spiroxamine	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Tebuconazole	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Thiacloprid	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Thiamethoxam	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
Trifloxystrobin	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		05/30/23 10:45	05/30/23 20:57	

LCS(2322004-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	180	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Acephate	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Acequinocyl	94.6	0.5	ppm	40-160	05/30/23 10:45	05/30/23 21:20	
Acetamiprid	107	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Aldicarb	111	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Azoxystrobin	102	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Bifenazate	102	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Bifenthrin	116	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Boscalid	96.3	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	
Carbaryl	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Carbofuran	98.3	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Chlorantraniliprole	115	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Chlorfenapyr	88.0	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	
Chlorpyrifos	106	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Clofentezine	97.2	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Cypermethrin	79.2	0.5	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Daminozide	165	0.5	ppm	60-120	05/30/23 10:45	05/30/23 21:20	BSH
Cyfluthrin	98.3	0.5	ppm	50-150	05/30/23 10:45	05/30/23 17:40	
Diazinon	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Cypermethrin	113	0.5	ppm	50-150	05/30/23 10:45	05/30/23 17:40	
Dimethoate	98.7	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Ethoprophos	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Etofenprox	103	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Etoxazole	110	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Fenoxycarb	100	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Fenpyroximate	100	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Flonicamid	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Hexythiazox	110	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	



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Quality Control

Pesticide Analysis (Continued)

Batch: 2322004 - 202 (Continued)

LCS(2322004-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Imazalil	99.9	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Fipronil	137	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	BSH
Imidacloprid	106	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Fludioxonil	81.9	0.1	ppm	50-150	05/30/23 10:45	05/30/23 17:40	
Metalaxyl	107	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Methiocarb	105	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Methomyl	117	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Myclobutanil	106	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Kresoxim-methyl	134	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	BSH
Naled	102	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Malathion	129	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	BSH
Oxamyl	109	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Paclobutrazol	102	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Permethrins	101	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Methyl parathion	119	0.1	ppm	50-150	05/30/23 10:45	05/30/23 17:40	
MGK-264	126	0.1	ppm	50-150	05/30/23 10:45	05/30/23 17:40	
Phosmet	99.9	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Piperonyl butoxide	101	0.9	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Prallethrin	109	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Propoxur	98.8	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Pyrethrins	90.5	0.5	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Pyridaben	104	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Propiconazole	111	0.1	ppm	60-120	05/30/23 10:45	05/30/23 17:40	
Spinosad	99.3	0.1	ppm	50-150	05/30/23 10:45	05/30/23 21:20	
Spiromesifen	105	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Spirotetramat	104	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Spiroxamine	104	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Tebuconazole	101	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Thiacloprid	108	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Thiamethoxam	109	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
Trifloxystrobin	106	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	
DDVP (Dichlorvos)	103	0.1	ppm	60-120	05/30/23 10:45	05/30/23 21:20	

Solvent Analysis

Batch: 2321072 - 205

Blank(2321072-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	

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Quality Control

Solvent Analysis (Continued)

Batch: 2321072 - 205 (Continued)

Blank(2321072-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetonitrile	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
Benzene	< LOQ	1.000	ppm		05/26/23 13:58	05/30/23 10:04	
Butanes	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
2-Butanol	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Cumene	< LOQ	35.00	ppm		05/26/23 13:58	05/30/23 10:04	
Cyclohexane	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
Dichloromethane	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
1,4-Dioxane	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
2-Ethoxyethanol	< LOQ	80.00	ppm		05/26/23 13:58	05/30/23 10:04	
Ethyl acetate	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Ethyl benzene	< LOQ	35.00	ppm		05/26/23 13:58	05/30/23 10:04	
Ethylene glycol	< LOQ	310.0	ppm		05/26/23 13:58	05/30/23 10:04	
Ethylene oxide	< LOQ	25.00	ppm		05/26/23 13:58	05/30/23 10:04	
Ethyl ether	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Heptane	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Hexanes	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
Isopropyl acetate	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Methanol	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Pentanes	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Propane	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
2-Propanol (IPA)	< LOQ	1000	ppm		05/26/23 13:58	05/30/23 10:04	
Tetrahydrofuran	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
Toluene	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	
Xylenes	< LOQ	50.00	ppm		05/26/23 13:58	05/30/23 10:04	

LCS(2321072-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	88.7	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Acetonitrile	86.7	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Benzene	83.3	1.000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Butanes	84.8	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
2-Butanol	87.8	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Cumene	68.7	35.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Cyclohexane	89.8	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Dichloromethane	87.3	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
1,4-Dioxane	81.2	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
2-Ethoxyethanol	73.6	80.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Ethyl acetate	88.3	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Ethyl benzene	78.7	35.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	

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Quality Control

Solvent Analysis (Continued)

Batch: 2321072 - 205 (Continued)

LCS(2321072-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	66.1	310.0	ppm	60-120	05/26/23 13:58	05/27/23 06:35	BSL
Ethylene oxide	82.1	25.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Ethyl ether	86.9	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Heptane	89.9	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Hexanes	85.2	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Isopropyl acetate	89.2	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Methanol	89.9	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Pentanes	81.4	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Propane	75.5	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
2-Propanol (IPA)	90.1	1000	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Tetrahydrofuran	89.7	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	
Toluene	86.2	50.00	ppm	60-120	05/26/23 13:58	05/27/23 06:35	

Metals

Batch: 2321067 - 217

Blank(2321067-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		05/26/23 11:08	05/27/23 15:07	
Lead	< LOQ	0.08	ug/g		05/26/23 11:08	05/27/23 15:07	
Arsenic	< LOQ	0.08	ug/g		05/26/23 11:08	05/27/23 15:07	
Mercury	< LOQ	0.04	ug/g		05/26/23 11:08	05/27/23 15:07	

LCS(2321067-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	95.5	0.08	ug/g	80-115	05/26/23 11:08	05/27/23 15:09	
Lead	101	0.08	ug/g	80-115	05/26/23 11:08	05/27/23 15:09	
Arsenic	95.3	0.08	ug/g	80-115	05/26/23 11:08	05/27/23 15:09	
Mercury	101	0.04	ug/g	80-115	05/26/23 11:08	05/27/23 15:09	

Batch: 2321083 - 301

Blank(2321083-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Molds and Fungi	< LOQ	10.0	cfu/g		05/27/23 15:26	05/30/23 16:50	

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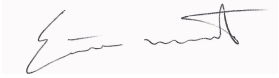
Notes and Definitions

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
C	manually for all samples.
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
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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