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

Quality Control Testing
Official Report

CBGA ISO GVL-TST491

Sample ID: G3A0367-01 **Matrix:** Hemp Extracts &
Test ID: 5020366
Source ID:
Date Sampled: 01/26/23 **Date Accepted:** 01/26/23

Harvest/Prod. Date: 01.25.2023

GVB Oregon
testing@gvbbiopharma.com

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

Total CBG : 99.19 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Colonies : <LOQ cfu/g PASS

METALS : PASS

Eric Wendt
Chief Science Officer - 2/1/2023

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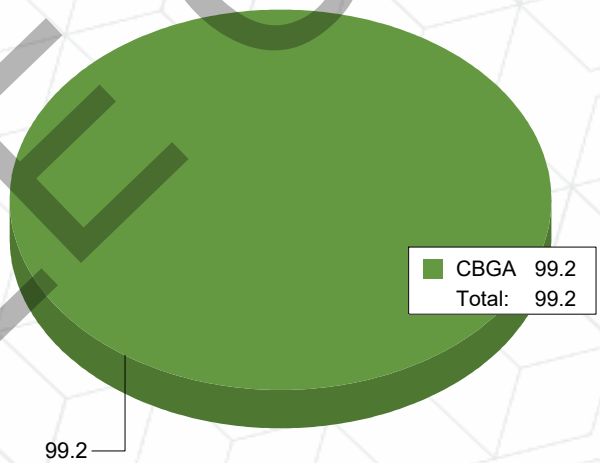
Potency Analysis

Date/Time Extracted: 01/26/23 12:00 **Analysis Method/SOP: 215** **Batch Identification: 2304052**

Cannabinoids	LOQ (%)	% by Wt.	mg/g
Total THC	0.1577	< LOQ	< LOQ
Total CBD	0.0431	< LOQ	< LOQ
Total CBG	0.0164	99.19	991.9
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	< LOQ	< LOQ
CBGA	0.0164	99.19	991.9
CBC	0.0186	< LOQ	< LOQ
Total Cannabinoids		99.19	991.9

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.

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Pesticide Analysis in ppm

Date/Time Extracted: 01/26/23 11:34
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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Harvest/Prod. Date: 01.25.2023

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Residual Solvents

Date/Time Extracted: 01/26/23 14:08 **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: 01.25.2023

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Metals Analysis by ICPMS

Date/Time Extracted: 01/31/23 11:27 **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 accrediated 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: 5020366
Source ID:
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Harvest/Prod. Date: 01.25.2023

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Molds and Fungi Screen

Date/Time Extracted: 01/26/23 12:51 **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 accrediated to ORELAP TNI 2009 or ISO 17025:2017 Quality Standards.

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Quality Control Testing
Official Report

Quality Control

Potency

Batch: 2304052 - 215-Concentrates

Blank(2304052-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/26/23 12:00	01/26/23 22:39	
delta 9-THC	< LOQ	0.0005	%		01/26/23 12:00	01/26/23 22:39	
delta 8-THC	< LOQ	0.0934	%		01/26/23 12:00	01/26/23 22:39	
THCV	< LOQ	0.1052	%		01/26/23 12:00	01/26/23 22:39	
THCVA	< LOQ	0.0392	%		01/26/23 12:00	01/26/23 22:39	
CBD	< LOQ	0.0005	%		01/26/23 12:00	01/26/23 22:39	
CBDA	< LOQ	0.0005	%		01/26/23 12:00	01/26/23 22:39	
CBDV	< LOQ	0.1040	%		01/26/23 12:00	01/26/23 22:39	
CBDVA	< LOQ	0.0341	%		01/26/23 12:00	01/26/23 22:39	
CBN	< LOQ	0.0622	%		01/26/23 12:00	01/26/23 22:39	
CBG	< LOQ	0.0164	%		01/26/23 12:00	01/26/23 22:39	
CBGA	< LOQ	0.0164	%		01/26/23 12:00	01/26/23 22:39	
CBC	< LOQ	0.0186	%		01/26/23 12:00	01/26/23 22:39	

Reference(2304052-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.00024	%	90-110	01/26/23 12:00	01/26/23 23:02	
delta 9-THC	109	0.00024	%	90-110	01/26/23 12:00	01/26/23 23:02	
delta 8-THC	98.2	0.0453	%	90-110	01/26/23 12:00	01/26/23 23:02	
CBD	108	0.00024	%	90-110	01/26/23 12:00	01/26/23 23:02	
CBDA	95.9	0.00024	%	90-110	01/26/23 12:00	01/26/23 23:02	

Pesticide Analysis

Batch: 2304048 - 202

Blank(2304048-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Acephate	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Acequinocyl	< LOQ	0.5	ppm		01/26/23 11:34	01/27/23 15:36	
Acetamiprid	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Aldicarb	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Azoxystrobin	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Bifenazate	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Bifenthrin	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Boscalid	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Carbaryl	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Carbofuran	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Chlorantraniliprole	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Chlorfenapyr	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2304048 - 202 (Continued)

Blank(2304048-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Clofentezine	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Daminozide	< LOQ	0.5	ppm		01/26/23 11:34	01/27/23 15:36	
Cyfluthrin	< LOQ	0.5	ppm		01/26/23 11:34	01/27/23 05:27	
Diazinon	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Cypermethrin	< LOQ	0.5	ppm		01/26/23 11:34	01/27/23 05:27	
Dimethoate	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Ethoprophos	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Etofenprox	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Etoxazole	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Fenoxycarb	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Fenpyroximate	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Flonicamid	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Hexythiazox	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Imazalil	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Fipronil	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Imidacloprid	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Fludioxonil	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Metalaxyl	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Methiocarb	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Methomyl	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Myclobutanil	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Kresoxim-methyl	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Naled	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Malathion	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Oxamyl	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Paclobutrazol	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Permethrins	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Methyl parathion	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
MGK-264	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Phosmet	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Piperonyl butoxide	< LOQ	0.9	ppm		01/26/23 11:34	01/27/23 15:36	
Prallethrin	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Propoxur	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Pyrethrins	< LOQ	0.5	ppm		01/26/23 11:34	01/27/23 15:36	
Pyridaben	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Propiconazole	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 05:27	
Spinosad	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2304048 - 202 (Continued)

Blank(2304048-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Spirotetramat	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Spiroxamine	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Tebuconazole	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Thiacloprid	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Thiamethoxam	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
Trifloxystrobin	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		01/26/23 11:34	01/27/23 15:36	

LCS(2304048-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	119	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Acephate	99.3	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Acequinocyl	122	0.5	ppm	40-160	01/26/23 11:34	01/27/23 15:59	
Acetamiprid	103	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Aldicarb	98.6	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Azoxystrobin	104	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Bifenazate	116	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Bifenthrin	129	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Boscalid	84.0	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Carbaryl	110	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Carbofuran	107	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Chlorantraniliprole	176	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	BSH
Chlorfenapyr	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Chlorpyrifos	82.4	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Clofentezine	115	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Daminozide	85.3	0.5	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Cyfluthrin	71.3	0.5	ppm	50-150	01/26/23 11:34	01/27/23 05:49	
Diazinon	107	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Cypermethrin	72.9	0.5	ppm	50-150	01/26/23 11:34	01/27/23 05:49	
Dimethoate	96.3	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Ethoprophos	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Etofenprox	116	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Etoxazole	107	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Fenoxycarb	106	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Fenpyroximate	114	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Flonicamid	107	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Hexythiazox	84.5	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Imazalil	103	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2304048 - 202 (Continued)

LCS(2304048-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	101	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Imidacloprid	110	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Fludioxonil	89.3	0.1	ppm	50-150	01/26/23 11:34	01/27/23 05:49	
Metalaxyl	104	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Methiocarb	111	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Methomyl	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Myclobutanil	107	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Kresoxim-methyl	106	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Naled	112	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Malathion	100	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Oxamyl	104	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Paclobutrazol	114	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Permethrins	137	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Methyl parathion	83.1	0.1	ppm	50-150	01/26/23 11:34	01/27/23 05:49	
MGK-264	104	0.1	ppm	50-150	01/26/23 11:34	01/27/23 05:49	
Phosmet	111	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Piperonyl butoxide	76.5	0.9	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Prallethrin	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Propoxur	102	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Pyrethrins	106	0.5	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Pyridaben	112	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Propiconazole	102	0.1	ppm	60-120	01/26/23 11:34	01/27/23 05:49	
Spinosad	118	0.1	ppm	50-150	01/26/23 11:34	01/27/23 15:59	
Spiromesifen	84.1	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Spirotetramat	110	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Spiroxamine	116	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Tebuconazole	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Thiacloprid	105	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Thiamethoxam	112	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
Trifloxystrobin	109	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	
DDVP (Dichlorvos)	108	0.1	ppm	60-120	01/26/23 11:34	01/27/23 15:59	

Solvent Analysis

Batch: 2304059 - 205

Blank(2304059-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Acetonitrile	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	

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Quality Control

Solvent Analysis (Continued)

Batch: 2304059 - 205 (Continued)

Blank(2304059-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		01/26/23 14:08	01/28/23 11:15	
Butanes	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
2-Butanol	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Cumene	< LOQ	35.00	ppm		01/26/23 14:08	01/28/23 11:15	
Cyclohexane	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
Dichloromethane	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
1,4-Dioxane	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
2-Ethoxyethanol	< LOQ	80.00	ppm		01/26/23 14:08	01/28/23 11:15	
Ethyl acetate	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Ethyl benzene	< LOQ	35.00	ppm		01/26/23 14:08	01/28/23 11:15	
Ethylene glycol	< LOQ	310.0	ppm		01/26/23 14:08	01/28/23 11:15	
Ethylene oxide	< LOQ	25.00	ppm		01/26/23 14:08	01/28/23 11:15	
Ethyl ether	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Heptane	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Hexanes	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
Isopropyl acetate	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Methanol	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Pentanes	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Propane	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
2-Propanol (IPA)	< LOQ	1000	ppm		01/26/23 14:08	01/28/23 11:15	
Tetrahydrofuran	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
Toluene	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	
Xylenes	< LOQ	50.00	ppm		01/26/23 14:08	01/28/23 11:15	

LCS(2304059-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	79.8	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Acetonitrile	79.0	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Benzene	83.8	1.000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Butanes	76.5	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
2-Butanol	80.7	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Cumene	77.5	35.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Cyclohexane	83.2	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Dichloromethane	79.1	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
1,4-Dioxane	83.8	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
2-Ethoxyethanol	84.0	80.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Ethyl acetate	80.2	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Ethyl benzene	79.9	35.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Ethylene glycol	124	310.0	ppm	60-120	01/26/23 14:08	01/27/23 07:35	BSH

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Quality Control

Solvent Analysis (Continued)

Batch: 2304059 - 205 (Continued)

LCS(2304059-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	77.9	25.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Ethyl ether	80.8	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Heptane	80.5	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Hexanes	82.3	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Isopropyl acetate	82.5	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Methanol	73.8	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Pentanes	79.8	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Propane	76.3	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
2-Propanol (IPA)	78.9	1000	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Tetrahydrofuran	80.1	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	
Toluene	83.9	50.00	ppm	60-120	01/26/23 14:08	01/27/23 07:35	

Mold and Fungi

Batch: 2304055 - 301

Blank(2304055-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Molds and Fungi	< LOQ	10.0	cfu/g		01/26/23 12:51	01/27/23 17:07	

Blank(2304055-BLK2)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Molds and Fungi	< LOQ	10.0	cfu/g		01/26/23 12:51	01/27/23 17:07	

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Quality Control

Metals Analysis

Batch: 2305028 - Metals

Blank(2305028-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		01/31/23 11:27	01/31/23 17:49	
Lead	< LOQ	0.0500	ug/g		01/31/23 11:27	01/31/23 17:49	
Arsenic	< LOQ	0.0500	ug/g		01/31/23 11:27	01/31/23 17:49	
Mercury	< LOQ	0.0100	ug/g		01/31/23 11:27	01/31/23 17:49	

LCS(2305028-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	94.4	0.0500	ug/g	70-130	01/31/23 11:27	01/31/23 17:51	
Lead	95.0	0.0500	ug/g	70-130	01/31/23 11:27	01/31/23 17:51	
Arsenic	107	0.0500	ug/g	70-130	01/31/23 11:27	01/31/23 17:51	
Mercury	96.0	0.0100	ug/g	70-130	01/31/23 11:27	01/31/23 17:51	

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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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