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

Regulatory Compliance Testing (OAR-333-007) Official Report

VITALIZE 3000 G1

Sample ID: G3G0046-03 **Matrix:** Hemp Products
Test ID: 1A401050004D0D1000000024
Source ID: 1A401050004D0D1000000015
Date Sampled: 07/06/23 **Date Accepted:** 07/06/23

JAWCBD Inc.
orders@mulecbd.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	**0.2405 %**	**0.2414 %**	**0.2396 %**	**0.748 % PASS**
Total CBD:	**9.927 %**	**9.916 %**	**9.938 %**	**0.222 % PASS**
Total CBG:	**0.3696 %**	**0.3706 %**	**0.3686 %**	
Pesticides:	**PASS**	**PASS**	**PASS**	
Solvents:	**PASS**	**PASS**	**PASS**	
Microbials:	**PASS**	**PASS**	**PASS**	
Metals:	**PASS**	**PASS**	**PASS**	
Mycotoxins:	**PASS**	**PASS**	**PASS**	

ISO 17025 ACCREDITED LABORATORY

Eric Wendt
Chief Science Officer - 7/10/2023

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Test ID: 1A401050004D0D1000000024
Source ID: 1A401050004D0D1000000015
Date Sampled: 07/06/23 **Date Accepted:** 07/06/23

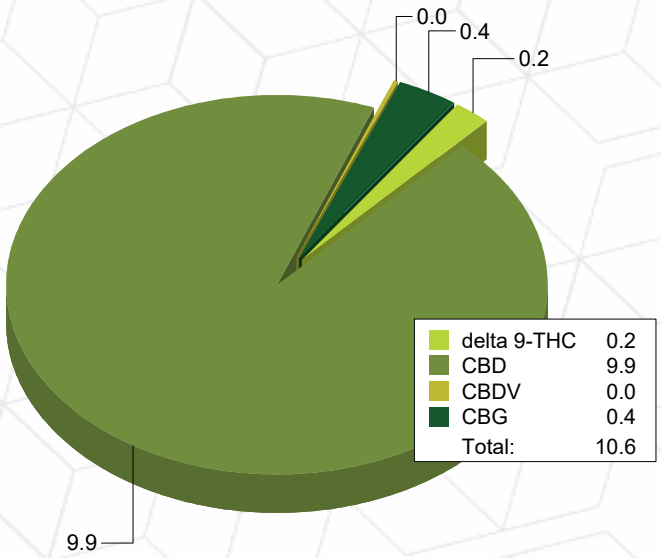
JAWCBD Inc.
orders@mulecbd.com

Potency Analysis by HPLC

Date/Time Extracted: 07/07/23 12:09 **Analysis Method/SOP: 215** **Batch Identification: 2327055**

Cannabinoids	LOQ (%)	mg/g
Total THC	0.00098	2.414
Total CBD	0.0098	99.16
Total CBG	0.0270	3.706
THCA	0.00098	< LOQ
delta 9-THC	0.00098	2.414
delta 8-THC	0.0374	< LOQ
THCV	0.0292	< LOQ
THCVA	0.0437	< LOQ
CBD	0.0098	99.16
CBDA	0.0098	< LOQ
CBDV	0.0301	0.419
CBDVA	0.0413	< LOQ
CBN	0.0270	< LOQ
CBG	0.0314	3.706
CBGA	0.0416	< LOQ
CBC	0.0394	< LOQ

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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VITALIZE 3000 G1

Sample ID: G3G0046-03 **Matrix:** Hemp Products
Test ID: 1A401050004D0D1000000024
Source ID: 1A401050004D0D1000000015
Date Sampled: 07/06/23 **Date Accepted:** 07/06/23

JAWCBD Inc.
orders@mulecbd.com

Pesticide Analysis by LCMSMS and GCMSMS

Date/Time Extracted: 07/07/23 10:40
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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Date Sampled: 07/06/23 **Date Accepted:** 07/06/23

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Residual Solvents by GCMS-HS

Date/Time Extracted: 07/07/23 10:37 **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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VITALIZE 3000 G1

Sample ID: G3G0046-03 **Matrix:** Hemp Products
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Source ID: 1A401050004D0D1000000015
Date Sampled: 07/06/23 **Date Accepted:** 07/06/23

JAWCBD Inc.
orders@mulecbd.com

Mycotoxins by LCMSMS

Date/Time Extracted: 07/07/23 10:36 **Analysis Method/SOP: Mycotoxins**

Analyte	Result	Action Level	LOD	LOQ	Units
aflatoxin B1	< LOQ		5.00	6.25	ug/kg
aflatoxin B2	< LOQ		5.00	6.25	ug/kg
aflatoxin G1	< LOQ		5.00	6.25	ug/kg
aflatoxin G2	< LOQ		5.00	6.25	ug/kg
ochratoxin A	< LOQ	20	5.00	6.25	ug/kg
Total Aflatoxins	< LOQ	20	5.00	6.25	ug/kg

<LOQ - Results below the Limit of Quantitation
Results above the Action Level fail state testing requirements and will be highlighted Red.

Microbials by PCR

Date/Time Extracted: 07/07/23 09:42 **Analysis Method/SOP: Microbials**

Analyte	Result	Action Level	LOD	LOQ	Units	
Escherichia Coli	ND	1	0.00	0.00	cfu/g	No detection in 1 gram
Salmonella	ND	1	0.00	0.00	cfu/g	No detection in 1 gram
Total Aspergillus	ND	1	0.00	0.00	cfu/g	No detection in 1 gram

Metals by ICPMS

Date/Time Extracted: 07/07/23 11:40 **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: 2327055 - 215-Products

Blank(2327055-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0074	%		07/07/23 12:09	07/07/23 17:38	
delta 9-THC	< LOQ	0.0074	%		07/07/23 12:09	07/07/23 17:38	
delta 8-THC	< LOQ	0.2834	%		07/07/23 12:09	07/07/23 17:38	
THCV	< LOQ	0.2211	%		07/07/23 12:09	07/07/23 17:38	
THCVA	< LOQ	0.3309	%		07/07/23 12:09	07/07/23 17:38	
CBD	< LOQ	0.0074	%		07/07/23 12:09	07/07/23 17:38	
CBDA	< LOQ	0.0074	%		07/07/23 12:09	07/07/23 17:38	
CBDV	< LOQ	0.2275	%		07/07/23 12:09	07/07/23 17:38	
CBDVA	< LOQ	0.3125	%		07/07/23 12:09	07/07/23 17:38	
CBN	< LOQ	0.2043	%		07/07/23 12:09	07/07/23 17:38	
CBG	< LOQ	0.2377	%		07/07/23 12:09	07/07/23 17:38	
CBGA	< LOQ	0.3150	%		07/07/23 12:09	07/07/23 17:38	
CBC	< LOQ	0.2982	%		07/07/23 12:09	07/07/23 17:38	

Reference(2327055-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.3	0.0100	%	90-110	07/07/23 12:09	07/07/23 18:01	
delta 9-THC	105	0.0100	%	90-110	07/07/23 12:09	07/07/23 18:01	
delta 8-THC	100	0.3821	%	90-110	07/07/23 12:09	07/07/23 18:01	
CBD	101	0.0100	%	90-110	07/07/23 12:09	07/07/23 18:01	
CBDA	100	0.0100	%	90-110	07/07/23 12:09	07/07/23 18:01	

Pesticide Analysis

Batch: 2327049 - 202

Blank(2327049-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Acephate	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Acequinocyl	< LOQ	0.5	ppm		07/07/23 10:40	07/08/23 04:26	
Acetamiprid	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Aldicarb	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Azoxystrobin	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Bifenazate	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Bifenthrin	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Boscalid	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Carbaryl	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Carbofuran	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Chlorantraniliprole	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Chlorfenapyr	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	

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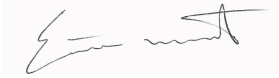
Quality Control

Pesticide Analysis (Continued)

Batch: 2327049 - 202 (Continued)

Blank(2327049-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Clofentezine	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Daminozide	< LOQ	0.5	ppm		07/07/23 10:40	07/08/23 04:26	
Cyfluthrin	< LOQ	0.5	ppm		07/07/23 10:40	07/07/23 17:55	
Diazinon	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Cypermethrin	< LOQ	0.5	ppm		07/07/23 10:40	07/07/23 17:55	
Dimethoate	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Ethoprophos	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Etofenprox	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Etoxazole	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Fenoxycarb	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Fenpyroximate	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Flonicamid	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Hexythiazox	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Imazalil	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Fipronil	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Imidacloprid	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Fludioxonil	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Metalaxyl	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Methiocarb	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Methomyl	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Myclobutanil	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Kresoxim-methyl	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Naled	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Malathion	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Oxamyl	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Paclobutrazol	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Permethrins	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Methyl parathion	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
MGK-264	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Phosmet	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Piperonyl butoxide	< LOQ	0.9	ppm		07/07/23 10:40	07/08/23 04:26	
Prallethrin	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Propoxur	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Pyrethrins	< LOQ	0.5	ppm		07/07/23 10:40	07/08/23 04:26	
Pyridaben	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Propiconazole	< LOQ	0.1	ppm		07/07/23 10:40	07/07/23 17:55	
Spinosad	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	



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Quality Control

Pesticide Analysis (Continued)

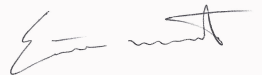
Batch: 2327049 - 202 (Continued)

Blank(2327049-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Spirotetramat	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Spiroxamine	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Tebuconazole	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Thiacloprid	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Thiamethoxam	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
Trifloxystrobin	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		07/07/23 10:40	07/08/23 04:26	

LCS(2327049-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	109	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Acephate	87.3	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Acequinocyl	63.9	0.5	ppm	40-160	07/07/23 10:40	07/08/23 04:49	
Acetamiprid	104	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Aldicarb	118	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Azoxystrobin	103	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Bifenazate	145	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	BSH
Bifenthrin	92.3	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Boscalid	118	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	
Carbaryl	93.8	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Carbofuran	98.0	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Chlorantraniliprole	106	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Chlorfenapyr	86.4	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	
Chlorpyrifos	95.5	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Clofentezine	104	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Daminozide	113	0.5	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Cyfluthrin	127	0.5	ppm	50-150	07/07/23 10:40	07/07/23 18:17	
Diazinon	106	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Cypermethrin	103	0.5	ppm	50-150	07/07/23 10:40	07/07/23 18:17	
Dimethoate	100	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Ethoprophos	96.7	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Etofenprox	90.8	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Etoxazole	114	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Fenoxycarb	109	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Fenpyroximate	111	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Flonicamid	116	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Hexythiazox	107	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Imazalil	142	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	BSH



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Quality Control

Pesticide Analysis (Continued)

Batch: 2327049 - 202 (Continued)

LCS(2327049-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	103	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	
Imidacloprid	118	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Fludioxonil	119	0.1	ppm	50-150	07/07/23 10:40	07/07/23 18:17	
Metalaxyl	106	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Methiocarb	94.2	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Methomyl	122	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	BSH
Myclobutanil	110	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Kresoxim-methyl	121	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	BSH
Naled	111	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Malathion	117	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	
Oxamyl	108	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Paclobutrazol	113	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Permethrins	84.5	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Methyl parathion	102	0.1	ppm	50-150	07/07/23 10:40	07/07/23 18:17	
MGK-264	114	0.1	ppm	50-150	07/07/23 10:40	07/07/23 18:17	
Phosmet	92.4	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Piperonyl butoxide	123	0.9	ppm	60-120	07/07/23 10:40	07/08/23 04:49	BSH
Prallethrin	112	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Propoxur	96.8	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Pyrethrins	83.3	0.5	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Pyridaben	101	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Propiconazole	116	0.1	ppm	60-120	07/07/23 10:40	07/07/23 18:17	
Spinosad	90.0	0.1	ppm	50-150	07/07/23 10:40	07/08/23 04:49	
Spiromesifen	102	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Spirotetramat	106	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Spiroxamine	92.4	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Tebuconazole	113	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Thiacloprid	110	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Thiamethoxam	110	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
Trifloxystrobin	105	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	
DDVP (Dichlorvos)	89.5	0.1	ppm	60-120	07/07/23 10:40	07/08/23 04:49	

Solvent Analysis

Batch: 2327048 - 205

Blank(2327048-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Acetonitrile	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	

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Quality Control

Solvent Analysis (Continued)

Batch: 2327048 - 205 (Continued)

Blank(2327048-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		07/07/23 10:37	07/08/23 11:08	
Butanes	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
2-Butanol	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Cumene	< LOQ	35.00	ppm		07/07/23 10:37	07/08/23 11:08	
Cyclohexane	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
Dichloromethane	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
1,4-Dioxane	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
2-Ethoxyethanol	< LOQ	80.00	ppm		07/07/23 10:37	07/08/23 11:08	
Ethyl acetate	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Ethyl benzene	< LOQ	35.00	ppm		07/07/23 10:37	07/08/23 11:08	
Ethylene glycol	< LOQ	310.0	ppm		07/07/23 10:37	07/08/23 11:08	
Ethylene oxide	< LOQ	25.00	ppm		07/07/23 10:37	07/08/23 11:08	
Ethyl ether	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Heptane	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Hexanes	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
Isopropyl acetate	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Methanol	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Pentanes	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Propane	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
2-Propanol (IPA)	< LOQ	1000	ppm		07/07/23 10:37	07/08/23 11:08	
Tetrahydrofuran	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
Toluene	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	
Xylenes	< LOQ	50.00	ppm		07/07/23 10:37	07/08/23 11:08	

LCS(2327048-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	72.6	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Acetonitrile	67.0	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Benzene	75.2	1.000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Butanes	67.0	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
2-Butanol	60.5	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Cumene	61.7	35.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Cyclohexane	81.0	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Dichloromethane	87.4	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
1,4-Dioxane	68.5	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
2-Ethoxyethanol	65.3	80.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	BSL
Ethyl acetate	70.6	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Ethyl benzene	69.7	35.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Ethylene glycol	60.3	310.0	ppm	60-120	07/07/23 10:37	07/07/23 18:15	BSL

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Quality Control

Solvent Analysis (Continued)

Batch: 2327048 - 205 (Continued)

LCS(2327048-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	71.4	25.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Ethyl ether	73.6	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Heptane	72.9	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Hexanes	78.1	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Isopropyl acetate	68.8	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Methanol	64.9	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Pentanes	74.4	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Propane	64.8	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	BSL
2-Propanol (IPA)	66.9	1000	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Tetrahydrofuran	69.1	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	
Toluene	72.8	50.00	ppm	60-120	07/07/23 10:37	07/07/23 18:15	

Microbials

Batch: 2327042 - Microbials

Blank(2327042-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	ND	0.00	cfu/g		07/07/23 09:42	07/10/23 09:12	
Total Aspergillus	ND	0.00	cfu/g		07/07/23 09:42	07/10/23 09:12	
Escherichia Coli	ND	0.00	cfu/g		07/07/23 09:42	07/10/23 09:12	

LCS(2327042-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	100		cfu/g	99-101	07/07/23 09:42	07/10/23 09:12	
Total Aspergillus	100		cfu/g	99-101	07/07/23 09:42	07/10/23 09:12	
Escherichia Coli	100		cfu/g	99-101	07/07/23 09:42	07/10/23 09:12	

Batch: 2327047 - 202

Blank(2327047-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	< LOQ	6.25	ug/kg		07/07/23 10:36	07/07/23 18:11	
aflatoxin B2	< LOQ	6.25	ug/kg		07/07/23 10:36	07/07/23 18:11	
aflatoxin G1	< LOQ	6.25	ug/kg		07/07/23 10:36	07/07/23 18:11	
aflatoxin G2	< LOQ	6.25	ug/kg		07/07/23 10:36	07/07/23 18:11	
ochratoxin A	< LOQ	6.25	ug/kg		07/07/23 10:36	07/07/23 18:11	

LCS(2327047-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	84.3	6.25	ug/kg	60-120	07/07/23 10:36	07/07/23 18:22	
aflatoxin B2	91.4	6.25	ug/kg	60-120	07/07/23 10:36	07/07/23 18:22	
aflatoxin G1	72.3	6.25	ug/kg	60-120	07/07/23 10:36	07/07/23 18:22	
aflatoxin G2	85.5	6.25	ug/kg	60-120	07/07/23 10:36	07/07/23 18:22	

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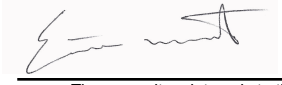

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Quality Control

Mycotoxins (Continued)

Batch: 2327047 - 202 (Continued)

LCS(2327047-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
ochratoxin A	98.2	6.25	ug/kg	60-120	07/07/23 10:36	07/07/23 18:22	

Batch: 2327054 - 217

Blank(2327054-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		07/07/23 11:40	07/07/23 16:30	
Lead	< LOQ	0.08	ug/g		07/07/23 11:40	07/07/23 16:30	
Arsenic	< LOQ	0.08	ug/g		07/07/23 11:40	07/07/23 16:30	
Mercury	< LOQ	0.04	ug/g		07/07/23 11:40	07/07/23 16:30	

LCS(2327054-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	98.0	0.08	ug/g	80-115	07/07/23 11:40	07/07/23 16:31	
Lead	104	0.08	ug/g	80-115	07/07/23 11:40	07/07/23 16:31	
Arsenic	100	0.08	ug/g	80-115	07/07/23 11:40	07/07/23 16:31	
Mercury	108	0.04	ug/g	80-115	07/07/23 11:40	07/07/23 16:31	

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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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