



Green Leaf Lab[®]

12025 NE Marx St. Portland, OR 97220
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License#: 10029074C70

Quality Control Testing Official Report

I01YA031

Sample ID: G4K0251-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5034211

Source ID:

Date Sampled: 11/21/24

Date Accepted: 11/21/24

Harvest/Prod. Date: 11.17.2024



Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : 98.91 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



Nolan Mundie
Lab Director - 11/25/2024



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Potency Analysis

Date/Time Extracted: 11/21/24 14:59

Analysis Method/SOP: 215

Batch Identification: 2447061

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	
Total CBD	0.0431	98.91	989.1	
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	98.91	989.1	
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	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		98.91	989.1	

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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Pesticide Analysis in ppm

Date/Time Extracted: 11/22/24 09:33

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.10	ppm		Acephate	< LOQ	0.4		0.10	ppm	
Acequinocyl	< LOQ	2		0.48	ppm		Acetamiprid	< LOQ	0.2		0.10	ppm	
Aldicarb	< LOQ	0.4		0.10	ppm		Azoxystrobin	< LOQ	0.2		0.10	ppm	
Bifenazate	< LOQ	0.2		0.10	ppm		Bifenthrin	< LOQ	0.2		0.10	ppm	
Boscalid	< LOQ	0.4		0.10	ppm		Carbaryl	< LOQ	0.2		0.10	ppm	
Carbofuran	< LOQ	0.2		0.10	ppm		Chlorantraniliprole	< LOQ	0.2		0.10	ppm	
Chlorfenapyr	< LOQ	1		0.10	ppm		Chlorpyrifos	< LOQ	0.2		0.10	ppm	
Clofentezine	< LOQ	0.2		0.10	ppm		Cyfluthrin	< LOQ	1		0.48	ppm	
Cypermethrin	< LOQ	1		0.48	ppm		Daminozide	< LOQ	1		0.48	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.10	ppm		Diazinon	< LOQ	0.2		0.10	ppm	
Dimethoate	< LOQ	0.2		0.10	ppm		Ethoprophos	< LOQ	0.2		0.10	ppm	
Etofenprox	< LOQ	0.4		0.10	ppm		Etoxazole	< LOQ	0.2		0.10	ppm	
Fenoxycarb	< LOQ	0.2		0.10	ppm		Fenpyroximate	< LOQ	0.4		0.20	ppm	
Fipronil	< LOQ	0.4		0.10	ppm		Fonicamid	< LOQ	1		0.10	ppm	
Fludioxonil	< LOQ	0.4		0.10	ppm		Hexythiazox	< LOQ	1		0.10	ppm	
Imazalil	< LOQ	0.2		0.10	ppm		Imidacloprid	< LOQ	0.4		0.10	ppm	
Kresoxim-methyl	< LOQ	0.4		0.10	ppm		Malathion	< LOQ	0.2		0.10	ppm	
Metalaxyl	< LOQ	0.2		0.10	ppm		Methiocarb	< LOQ	0.2		0.10	ppm	
Methomyl	< LOQ	0.4		0.10	ppm		Methyl parathion	< LOQ	0.2		0.10	ppm	
MGK-264	< LOQ	0.2		0.10	ppm		Myclobutanil	< LOQ	0.2		0.10	ppm	
Naled	< LOQ	0.5		0.10	ppm		Oxamyl	< LOQ	1		0.10	ppm	
Paclobutrazol	< LOQ	0.4		0.10	ppm		Permethrins	< LOQ	0.2		0.10	ppm	
Phosmet	< LOQ	0.2		0.10	ppm		Piperonyl butoxide	< LOQ	2		0.90	ppm	
Prallethrin	< LOQ	0.2		0.10	ppm		Propiconazole	< LOQ	0.4		0.10	ppm	
Propoxur	< LOQ	0.2		0.10	ppm		Pyrethrins	< LOQ	1		0.48	ppm	
Pyridaben	< LOQ	0.2		0.10	ppm		Spinosad	< LOQ	0.2		0.10	ppm	
Spiromesifen	< LOQ	0.2		0.10	ppm		Spirotetramat	< LOQ	0.2		0.10	ppm	
Spiroxamine	< LOQ	0.4		0.10	ppm		Tebuconazole	< LOQ	0.4		0.10	ppm	
Thiacloprid	< LOQ	0.2		0.10	ppm		Thiamethoxam	< LOQ	0.2		0.10	ppm	
Trifloxystrobin	< LOQ	0.2		0.10	ppm								

ND - Compound not detected

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



Nolan Mundie
Lab Director - 11/25/2024

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I01YA031

Sample ID: G4K0251-01 Matrix: Hemp Extracts & Concentrates

Test ID: 5034211

Source ID:

Date Sampled: 11/21/24 Date Accepted: 11/21/24

Harvest/Prod. Date: 11.17.2024



Residual Solvents

Date/Time Extracted: 11/21/24 11:17

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	
Ethanol	< LOQ			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: 11.17.2024



Metals by ICPMS

Date/Time Extracted: 11/21/24 12:36

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

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Quality Control Potency

Batch: 2447061 - 215-Concentrates

Blank(2447061-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0003	%		11/21/24 14:59	11/22/24 16:04	
delta 9-THC	< LOQ	0.0003	%		11/21/24 14:59	11/22/24 16:04	
delta 8-THC	< LOQ	0.0478	%		11/21/24 14:59	11/22/24 16:04	
THCV	< LOQ	0.0539	%		11/21/24 14:59	11/22/24 16:04	
THCVA	< LOQ	0.0201	%		11/21/24 14:59	11/22/24 16:04	
CBD	< LOQ	0.0003	%		11/21/24 14:59	11/22/24 16:04	
CBDA	< LOQ	0.0003	%		11/21/24 14:59	11/22/24 16:04	
CBDV	< LOQ	0.0533	%		11/21/24 14:59	11/22/24 16:04	
CBDVA	< LOQ	0.0175	%		11/21/24 14:59	11/22/24 16:04	
CBN	< LOQ	0.0319	%		11/21/24 14:59	11/22/24 16:04	
CBG	< LOQ	0.0084	%		11/21/24 14:59	11/22/24 16:04	
CBGA	< LOQ	0.0084	%		11/21/24 14:59	11/22/24 16:04	
CBC	< LOQ	0.0096	%		11/21/24 14:59	11/22/24 16:04	

Reference(2447061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.4	0.0003	%	90-110	11/21/24 14:59	11/22/24 16:26	
delta 9-THC	102	0.0003	%	90-110	11/21/24 14:59	11/22/24 16:26	
delta 8-THC	101	0.0472	%	90-110	11/21/24 14:59	11/22/24 16:26	
CBD	105	0.0003	%	90-110	11/21/24 14:59	11/22/24 16:26	
CBDA	103	0.0003	%	90-110	11/21/24 14:59	11/22/24 16:26	

Pesticide Analysis

Batch: 2447065 - 202

Blank(2447065-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Acephate	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Acequinocyl	< LOQ	0.48	ppm		11/22/24 09:33	11/22/24 16:28	
Acetamiprid	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Aldicarb	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Azoxystrobin	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Bifenazate	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Bifenthrin	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Boscalid	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Carbaryl	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Carbofuran	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Chlorantraniliprole	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Chlorfenapyr	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	



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Quality Control Pesticide Analysis (Continued)

Batch: 2447065 - 202 (Continued)

Blank(2447065-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Clofentezine	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Daminozide	< LOQ	0.48	ppm		11/22/24 09:33	11/22/24 16:28	
Cyfluthrin	< LOQ	0.48	ppm		11/22/24 09:33	11/22/24 17:49	
Diazinon	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Cypermethrin	< LOQ	0.48	ppm		11/22/24 09:33	11/22/24 17:49	
Dimethoate	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Ethoprophos	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Etofenprox	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Etoxazole	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Fenoxycarb	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Fenpyroximate	< LOQ	0.20	ppm		11/22/24 09:33	11/22/24 16:28	
Fonicamid	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Hexythiazox	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Imazalil	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Fipronil	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Imidacloprid	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Fludioxonil	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Metalaxyl	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Methiocarb	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Methomyl	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Myclobutanil	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Kresoxim-methyl	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Naled	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Malathion	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Oxamyl	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Paclobutrazol	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Permethrins	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Methyl parathion	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
MGK-264	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Phosmet	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Piperonyl butoxide	< LOQ	0.90	ppm		11/22/24 09:33	11/22/24 16:28	
Prallethrin	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Propoxur	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Pyrethrins	< LOQ	0.48	ppm		11/22/24 09:33	11/22/24 16:28	
Pyridaben	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Propiconazole	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 17:49	
Spinosad	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	



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Quality Control Pesticide Analysis (Continued)

Batch: 2447065 - 202 (Continued)

Blank(2447065-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Spirotetramat	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Spiroxamine	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Tebuconazole	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Thiacloprid	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Thiamethoxam	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
Trifloxystrobin	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	
DDVP (Dichlorvos)	< LOQ	0.10	ppm		11/22/24 09:33	11/22/24 16:28	

LCS(2447065-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	108	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Acephate	108	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Acequinocyl	91.6	0.05	ppm	40-160	11/22/24 09:33	11/22/24 16:54	
Acetamiprid	118	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Aldicarb	145	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Azoxystrobin	104	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Bifenazate	121	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Bifenthrin	103	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Boscalid	80.2	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Carbaryl	105	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Carbofuran	108	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Chlorantraniliprole	122	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Chlorfenapyr	114	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Chlorpyrifos	103	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Clofentezine	106	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Daminozide	124	0.05	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Cyfluthrin	73.2	0.05	ppm	50-150	11/22/24 09:33	11/22/24 18:11	
Diazinon	96.2	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Cypermethrin	99.7	0.05	ppm	50-150	11/22/24 09:33	11/22/24 18:11	
Dimethoate	134	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Ethoprophos	103	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Etofenprox	92.1	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Etoxazole	104	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Fenoxycarb	118	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Fenpyroximate	101	0.02	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Flonicamid	142	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Hexythiazox	103	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Imazalil	104	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	



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Quality Control Pesticide Analysis (Continued)

Batch: 2447065 - 202 (Continued)

LCS(2447065-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	105	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Imidacloprid	123	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Fludioxonil	84.8	0.01	ppm	50-150	11/22/24 09:33	11/22/24 18:11	
Metalaxyl	104	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Methiocarb	103	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Methomyl	124	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Myclobutanil	114	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Kresoxim-methyl	88.9	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Naled	104	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Malathion	97.9	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Oxamyl	126	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Pacllobutrazol	108	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Permethrins	105	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Methyl parathion	95.5	0.01	ppm	50-150	11/22/24 09:33	11/22/24 18:11	
MGK-264	91.9	0.01	ppm	50-150	11/22/24 09:33	11/22/24 18:11	
Phosmet	110	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Piperonyl butoxide	115	0.09	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Prallethrin	139	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Propoxur	114	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Pyrethrins	99.8	0.05	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Pyridaben	102	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Propiconazole	80.7	0.01	ppm	60-120	11/22/24 09:33	11/22/24 18:11	
Spinosad	82.2	0.01	ppm	50-150	11/22/24 09:33	11/22/24 16:54	
Spiromesifen	110	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Spirotetramat	104	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Spiroxamine	91.6	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Tebuconazole	109	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Thiacloprid	108	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
Thiamethoxam	122	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	BSH
Trifloxystrobin	116	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	
DDVP (Dichlorvos)	103	0.01	ppm	60-120	11/22/24 09:33	11/22/24 16:54	

Solvent Analysis

Batch: 2447051 - 205

Blank(2447051-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Acetonitrile	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	



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Lab Director - 11/25/2024

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Quality Control Solvent Analysis (Continued)

Batch: 2447051 - 205 (Continued)

Blank(2447051-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		11/21/24 11:17	11/23/24 11:48	
Butanes	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
2-Butanol	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Cumene	< LOQ	35.00	ppm		11/21/24 11:17	11/23/24 11:48	
Cyclohexane	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
Dichloromethane	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
1,4-Dioxane	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
Ethanol	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
2-Ethoxyethanol	< LOQ	80.00	ppm		11/21/24 11:17	11/23/24 11:48	
Ethyl acetate	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Ethyl benzene	< LOQ	35.00	ppm		11/21/24 11:17	11/23/24 11:48	
Ethylene glycol	< LOQ	310.0	ppm		11/21/24 11:17	11/23/24 11:48	
Ethylene oxide	< LOQ	25.00	ppm		11/21/24 11:17	11/23/24 11:48	
Ethyl ether	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Heptane	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Hexanes	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
Isopropyl acetate	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Methanol	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Pentanes	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Propane	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
2-Propanol (IPA)	< LOQ	1000	ppm		11/21/24 11:17	11/23/24 11:48	
Tetrahydrofuran	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
Toluene	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	
Xylenes	< LOQ	50.00	ppm		11/21/24 11:17	11/23/24 11:48	

LCS(2447051-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	79.8	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Acetonitrile	75.8	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Benzene	67.5	1.000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Butanes	79.5	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
2-Butanol	80.7	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Cumene	56.8	35.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	BSL
Cyclohexane	84.0	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Dichloromethane	79.3	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
1,4-Dioxane	70.5	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
2-Ethoxyethanol	77.9	80.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Ethyl acetate	79.5	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Ethyl benzene	66.8	35.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	



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Lab Director - 11/25/2024

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Quality Control Solvent Analysis (Continued)

Batch: 2447051 - 205 (Continued)

LCS(2447051-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	51.6	310.0	ppm	60-120	11/21/24 11:17	11/22/24 07:37	BSL
Ethylene oxide	80.8	25.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Ethyl ether	82.3	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Heptane	82.6	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Hexanes	82.9	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Isopropyl acetate	78.0	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Methanol	79.3	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Pentanes	81.1	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Propane	74.5	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
2-Propanol (IPA)	83.2	1000	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Tetrahydrofuran	78.4	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	
Toluene	65.4	50.00	ppm	60-120	11/21/24 11:17	11/22/24 07:37	

Metals

Batch: 2447058 - 217

Blank(2447058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		11/21/24 12:36	11/22/24 14:12	
Lead	< LOQ	0.08	ug/g		11/21/24 12:36	11/22/24 14:12	
Arsenic	< LOQ	0.08	ug/g		11/21/24 12:36	11/22/24 14:12	
Mercury	< LOQ	0.04	ug/g		11/21/24 12:36	11/22/24 14:12	

LCS(2447058-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	103	0.08	ug/g	80-115	11/21/24 12:36	11/22/24 14:13	
Lead	104	0.08	ug/g	80-115	11/21/24 12:36	11/22/24 14:13	
Arsenic	99.2	0.08	ug/g	80-115	11/21/24 12:36	11/22/24 14:13	
Mercury	94.9	0.04	ug/g	80-115	11/21/24 12:36	11/22/24 14:13	



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LABORATORY

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Lab Director - 11/25/2024

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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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
- 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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