



### ISOD1-HOMO1

Sample ID: G1K0282-01

Matrix: Hemp Extracts &

Test ID: 5010714

Source ID:

Date Sampled: 6/1/2022

Date Accepted: 6/1/2022

Octave Labs LLC

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 99.41 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Microbials : PASS

METALS : PASS



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Eric Wendt  
Chief Science Officer - 6/1/2022

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### ISOD1-HOM01

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Matrix: Hemp Extracts &

Test ID: 5010714

Source ID:

Date Sampled: 6/1/2022

Date Accepted: 6/1/2022

Octave Labs LLC

### Potency Analysis

Date/Time Extracted: 6/1/2022 11:02

Analysis Method/SOP: 215

Batch Identification: 2147030

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>Legend: CBD 99.4 Total: 99.4</p>
Total CBD	0.0431	99.41	994.1	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
Exo-THC	0.0217	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	99.41	994.1	
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	
<b>Total Cannabinoids</b>		99.41	994.1	

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.



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Test ID: 5010714

Source ID:

Date Sampled: 6/1/2022

Date Accepted: 6/1/2022

Octave Labs LLC

### Pesticide Analysis in ppm

Date/Time Extracted: 6/1/2022 07:47  
Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.08	ppm		Acephate	< LOQ	0.4		0.08	ppm	
Acequinocyl	< LOQ	2		0.4	ppm		Acetamiprid	< LOQ	0.2		0.08	ppm	
Aldicarb	< LOQ	0.4		0.08	ppm		Azoxystrobin	< LOQ	0.2		0.08	ppm	
Bifenazate	< LOQ	0.2		0.08	ppm		Bifenthrin	< LOQ	0.2		0.08	ppm	
Boscalid	< LOQ	0.4		0.08	ppm		Carbaryl	< LOQ	0.2		0.08	ppm	
Carbofuran	< LOQ	0.2		0.08	ppm		Chlorantraniliprole	< LOQ	0.2		0.08	ppm	
Chlorfenapyr	< LOQ	1		0.08	ppm		Chlorpyrifos	< LOQ	0.2		0.08	ppm	
Clofentezine	< LOQ	0.2		0.08	ppm		Cyfluthrin	< LOQ	1		0.4	ppm	
Cypermethrin	< LOQ	1		0.4	ppm		Daminozide	< LOQ	1		0.4	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.08	ppm		Diazinon	< LOQ	0.2		0.08	ppm	
Dimethoate	< LOQ	0.2		0.08	ppm		Ethoprophos	< LOQ	0.2		0.08	ppm	
Etofenprox	< LOQ	0.4		0.08	ppm		Etoxazole	< LOQ	0.2		0.08	ppm	
Fenoxycarb	< LOQ	0.2		0.08	ppm		Fenpyroximate	< LOQ	0.4		0.08	ppm	
Fipronil	< LOQ	0.4		0.08	ppm		Fonicamid	< LOQ	1		0.08	ppm	
Fludioxonil	< LOQ	0.4		0.08	ppm		Hexythiazox	< LOQ	1		0.08	ppm	
Imazalil	< LOQ	0.2		0.08	ppm		Imidacloprid	< LOQ	0.4		0.08	ppm	
Kresoxim-methyl	< LOQ	0.4		0.08	ppm		Malathion	< LOQ	0.2		0.08	ppm	
Metalaxyl	< LOQ	0.2		0.08	ppm		Methiocarb	< LOQ	0.2		0.08	ppm	
Methomyl	< LOQ	0.4		0.08	ppm		Methyl parathion	< LOQ	0.2		0.08	ppm	
MGK-264	< LOQ	0.2		0.08	ppm		Myclobutanil	< LOQ	0.2		0.08	ppm	
Naled	< LOQ	0.5		0.08	ppm		Oxamyl	< LOQ	1		0.08	ppm	
Paclobutrazol	< LOQ	0.4		0.08	ppm		Permethrins	< LOQ	0.2		0.08	ppm	
Phosmet	< LOQ	0.2		0.08	ppm		Piperonyl butoxide	< LOQ	2		0.8	ppm	
Prallethrin	< LOQ	0.2		0.08	ppm		Propiconazole	< LOQ	0.4		0.08	ppm	
Propoxur	< LOQ	0.2		0.08	ppm		Pyrethrins	< LOQ	1		0.4	ppm	
Pyridaben	< LOQ	0.2		0.08	ppm		Spinosad	< LOQ	0.2		0.08	ppm	
Spiromesifen	< LOQ	0.2		0.08	ppm		Spirotetramat	< LOQ	0.2		0.08	ppm	
Spiroxamine	< LOQ	0.4		0.08	ppm		Tebuconazole	< LOQ	0.4		0.08	ppm	
Thiacloprid	< LOQ	0.2		0.08	ppm		Thiamethoxam	< LOQ	0.2		0.08	ppm	
Trifloxystrobin	< LOQ	0.2		0.08	ppm								

ND - Compound not detected

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



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Source ID:

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Date Accepted: 6/1/2022

Octave Labs LLC

### Residual Solvents

Date/Time Extracted: 6/1/2022 11:59

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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Test ID: 5010714

Source ID:

Date Sampled: 6/1/2022

Date Accepted: 6/1/2022

Octave Labs LLC

### Metals Analysis by ICPMS

Date/Time Extracted: 6/1/2022 11:35

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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Source ID:

Date Sampled: 6/1/2022

Date Accepted: 6/1/2022

Octave Labs LLC

### Microbials by PCR

Date/Time Extracted: 6/1/2022 11:18

Analysis Method/SOP: MI-301

Analyte	Result	LOD	LOQ	Units	
Aspergillus Flavus	Pass	0.00	0.00	CFU/g	No detection in 1 gram
Aspergillus Fumigatus	Pass	0.00	0.00	CFU/g	No detection in 1 gram
Aspergillus Niger	Pass	0.00	0.00	CFU/g	No detection in 1 gram
Aspergillus Terreus	Pass	0.00	0.00	CFU/g	No detection in 1 gram
Escherichia Coli	Pass	0.00	0.00	CFU/g	No detection in 1 gram
Salmonella	Pass	0.00	0.00	CFU/g	No detection in 1 gram

Analysis Subcontracted to Green Leaf Labs - SCCA.



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### Quality Control Potency

Batch: 2147030 - 215-Concentrates

Blank(2147030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		6/1/2022 11:02	6/1/2022 17:51	
delta 9-THC	< LOQ	0.0005	%		6/1/2022 11:02	6/1/2022 17:51	
delta 8-THC	< LOQ	0.0934	%		6/1/2022 11:02	6/1/2022 17:51	
Exo-THC	< LOQ	0.0217	%		6/1/2022 11:02	6/1/2022 17:51	
THCV	< LOQ	0.1052	%		6/1/2022 11:02	6/1/2022 17:51	
THCVA	< LOQ	0.0392	%		6/1/2022 11:02	6/1/2022 17:51	
CBD	< LOQ	0.0005	%		6/1/2022 11:02	6/1/2022 17:51	
CBDA	< LOQ	0.0005	%		6/1/2022 11:02	6/1/2022 17:51	
CBDV	< LOQ	0.1040	%		6/1/2022 11:02	6/1/2022 17:51	
CBDVA	< LOQ	0.0341	%		6/1/2022 11:02	6/1/2022 17:51	
CBN	< LOQ	0.0622	%		6/1/2022 11:02	6/1/2022 17:51	
CBG	< LOQ	0.0164	%		6/1/2022 11:02	6/1/2022 17:51	
CBGA	< LOQ	0.0164	%		6/1/2022 11:02	6/1/2022 17:51	
CBC	< LOQ	0.0186	%		6/1/2022 11:02	6/1/2022 17:51	

Reference(2147030-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.8	0.0010	%	70-130	6/1/2022 11:02	6/1/2022 18:14	
delta 9-THC	97.5	0.0010	%	70-130	6/1/2022 11:02	6/1/2022 18:14	
CBD	98.5	0.0010	%	70-130	6/1/2022 11:02	6/1/2022 18:14	
CBDA	91.6	0.0010	%	70-130	6/1/2022 11:02	6/1/2022 18:14	

### Pesticide Analysis

Batch: 2147028 - 202

Blank(2147028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Acephate	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Acequinocyl	< LOQ	0.4	ppm		6/1/2022 07:47	6/1/2022 05:52	
Acetamiprid	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Aldicarb	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Azoxystrobin	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Bifenazate	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Bifenthrin	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Boscalid	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 00:13	
Carbaryl	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Carbofuran	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Chlorantraniliprole	< LOQ	0.08	ppm		6/1/2022 07:47	6/1/2022 05:52	
Chlorfenapyr	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2147028 - 202 (Continued)

Blank(2147028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Clofentezine	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Daminozide	< LOQ	0.4	ppm		6/1/2022 07:47	6/2/2022 05:52	
Cyfluthrin	< LOQ	0.4	ppm		6/1/2022 07:47	6/2/2022 00:13	
Diazinon	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Cypermethrin	< LOQ	0.4	ppm		6/1/2022 07:47	6/2/2022 00:13	
Dimethoate	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Ethoprophos	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Etofenprox	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Etoxazole	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Fenoxycarb	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Fenpyroximate	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Fonicamid	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Hexythiazox	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Imazalil	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Fipronil	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Imidacloprid	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Fludioxonil	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Metalaxyl	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Methiocarb	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Methomyl	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Myclobutanil	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Kresoxim-methyl	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Naled	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Malathion	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Oxamyl	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Paclobutrazol	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Methyl parathion	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
MGK-264	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Phosmet	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Piperonyl butoxide	< LOQ	0.8	ppm		6/1/2022 07:47	6/2/2022 05:52	
Prallethrin	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Propoxur	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Permethrins	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Pyrethrins	< LOQ	0.4	ppm		6/1/2022 07:47	6/2/2022 05:52	
Pyridaben	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Propiconazole	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 00:13	
Spinosad	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2147028 - 202 (Continued)

Blank(2147028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Spirotetramat	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Spiroxamine	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Tebuconazole	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Thiacloprid	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Thiamethoxam	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
Trifloxystrobin	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	
DDVP (Dichlorvos)	< LOQ	0.08	ppm		6/1/2022 07:47	6/2/2022 05:52	

LCS(2147028-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	83.3	0.1	ppm	10-172	6/1/2022 07:47	6/2/2022 06:15	BSH
Acephate	114	0.1	ppm	55.6-157	6/1/2022 07:47	6/2/2022 06:15	
Acequinocyl	51.1	0.5	ppm	10-100	6/1/2022 07:47	6/2/2022 06:15	
Acetamiprid	137	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Aldicarb	134	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Azoxystrobin	118	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	
Bifenazate	173	0.1	ppm	50-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Bifenthrin	151	0.1	ppm	49.9-140	6/1/2022 07:47	6/2/2022 06:15	BSH
Boscalid	85.9	0.1	ppm	57-124	6/1/2022 07:47	6/2/2022 00:34	
Carbaryl	183	0.1	ppm	64.6-150	6/1/2022 07:47	6/2/2022 06:15	BSH
Carbofuran	174	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Chlorantraniliprole	110	0.1	ppm	42.8-117	6/1/2022 07:47	6/2/2022 06:15	
Chlorfenapyr	96.3	0.1	ppm	65.1-149	6/1/2022 07:47	6/2/2022 00:34	
Chlorpyrifos	165	0.1	ppm	44.8-159	6/1/2022 07:47	6/2/2022 06:15	BSH
Clofentezine	25.5	0.1	ppm	10-100	6/1/2022 07:47	6/2/2022 06:15	
Daminozide	123	0.5	ppm	10-214	6/1/2022 07:47	6/2/2022 06:15	
Cyfluthrin	88.2	0.5	ppm	61.5-142	6/1/2022 07:47	6/2/2022 00:34	
Diazinon	188	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Cypermethrin	101	0.5	ppm	54.3-166	6/1/2022 07:47	6/2/2022 00:34	
Dimethoate	134	0.1	ppm	63.7-144	6/1/2022 07:47	6/2/2022 06:15	
Ethoprophos	185	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Etofenprox	131	0.1	ppm	53.7-123	6/1/2022 07:47	6/2/2022 06:15	BSH
Etoxazole	124	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	
Fenoxycarb	183	0.1	ppm	61.7-136	6/1/2022 07:47	6/2/2022 06:15	BSH
Fenpyroximate	88.0	0.1	ppm	18.9-100	6/1/2022 07:47	6/2/2022 06:15	
Fonicamid	141	0.1	ppm	36.9-173	6/1/2022 07:47	6/2/2022 06:15	
Hexythiazox	149	0.1	ppm	40.9-182	6/1/2022 07:47	6/2/2022 06:15	
Imazalil	132	0.1	ppm	44.6-109	6/1/2022 07:47	6/2/2022 06:15	BSH



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### Quality Control Pesticide Analysis (Continued)

Batch: 2147028 - 202 (Continued)

LCS(2147028-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	95.1	0.1	ppm	60.2-140	6/1/2022 07:47	6/2/2022 00:34	
Imidacloprid	146	0.1	ppm	52.5-163	6/1/2022 07:47	6/2/2022 06:15	
Fludioxonil	76.1	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 00:34	
Metalaxyl	172	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Methiocarb	149	0.1	ppm	75.6-137	6/1/2022 07:47	6/2/2022 06:15	BSH
Methomyl	134	0.1	ppm	44.1-167	6/1/2022 07:47	6/2/2022 06:15	
Myclobutanil	185	0.1	ppm	72.5-142	6/1/2022 07:47	6/2/2022 06:15	BSH
Kresoxim-methyl	70.4	0.1	ppm	70.3-140	6/1/2022 07:47	6/2/2022 00:34	BSL
Naled	164	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Malathion	98.4	0.1	ppm	67.5-132	6/1/2022 07:47	6/2/2022 00:34	
Oxamyl	164	0.1	ppm	55-155	6/1/2022 07:47	6/2/2022 06:15	BSH
Paclobutrazol	208	0.1	ppm	65-144	6/1/2022 07:47	6/2/2022 06:15	BSH
Methyl parathion	77.7	0.1	ppm	51.9-131	6/1/2022 07:47	6/2/2022 00:34	
MGK-264	91.2	0.1	ppm	70-136	6/1/2022 07:47	6/2/2022 00:34	
Phosmet	173	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Piperonyl butoxide	998	0.9	ppm	10-166	6/1/2022 07:47	6/2/2022 06:15	BSH
Prallethrin	183	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Propoxur	175	0.1	ppm	70.3-147	6/1/2022 07:47	6/2/2022 06:15	BSH
Permethrins	73.9	0.1	ppm	47.1-147	6/1/2022 07:47	6/2/2022 00:34	
Pyrethrins	743	0.5	ppm	10-198	6/1/2022 07:47	6/2/2022 06:15	BSH
Pyridaben	151	0.1	ppm	60.3-128	6/1/2022 07:47	6/2/2022 06:15	BSH
Propiconazole	101	0.1	ppm	68.7-135	6/1/2022 07:47	6/2/2022 00:34	
Spinosad	81.3	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSL
Spiromesifen	170	0.1	ppm	40.8-187	6/1/2022 07:47	6/2/2022 06:15	
Spirotetramat	173	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Spiroxamine	142	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Tebuconazole	196	0.1	ppm	50.8-133	6/1/2022 07:47	6/2/2022 06:15	BSH
Thiacloprid	136	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Thiamethoxam	151	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
Trifloxystrobin	148	0.1	ppm	70-130	6/1/2022 07:47	6/2/2022 06:15	BSH
DDVP (Dichlorvos)	245	0.1	ppm	39.1-185	6/1/2022 07:47	6/2/2022 06:15	BSH

### Solvent Analysis

Batch: 2147037 - 205

Blank(2147037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Acetonitrile	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	



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### Quality Control Solvent Analysis (Continued)

Batch: 2147037 - 205 (Continued)

Blank(2147037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Butanes	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
2-Butanol	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Cumene	< LOQ	35.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Cyclohexane	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Dichloromethane	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
1,4-Dioxane	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
2-Ethoxyethanol	< LOQ	80.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Ethyl acetate	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Ethyl benzene	< LOQ	35.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Ethylene glycol	< LOQ	310.0	ppm		6/1/2022 11:59	6/2/2022 03:43	
Ethylene oxide	< LOQ	25.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Ethyl ether	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Heptane	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Hexanes	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Isopropyl acetate	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Methanol	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Pentanes	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Propane	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
2-Propanol (IPA)	< LOQ	1000	ppm		6/1/2022 11:59	6/2/2022 03:43	
Tetrahydrofuran	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Toluene	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	
Xylenes	< LOQ	50.00	ppm		6/1/2022 11:59	6/2/2022 03:43	

LCS(2147037-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	91.4	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Acetonitrile	97.4	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Benzene	100	1.000	ppm	66.6-119	6/1/2022 11:59	6/1/2022 16:44	
n-Butane	73.9	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Butanes	68.8	1000	ppm	55-130	6/1/2022 11:59	6/1/2022 16:44	
2-Butanol	93.9	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Cumene	89.4	35.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Cyclohexane	94.1	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Dichloromethane	93.3	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
1,4-Dioxane	98.4	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
2-Ethoxyethanol	89.7	80.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Ethyl acetate	97.5	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Ethyl benzene	90.1	35.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	



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### Quality Control Solvent Analysis (Continued)

Batch: 2147037 - 205 (Continued)

LCS(2147037-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	99.3	310.0	ppm	60.3-146	6/1/2022 11:59	6/1/2022 16:44	
Ethylene oxide	92.9	25.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Ethyl ether	93.1	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Heptane	91.3	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
n-Hexane	92.2	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Hexanes	91.3	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Isopropyl acetate	97.2	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
iso-Pentane	83.4	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Methanol	91.5	1000	ppm	45-130	6/1/2022 11:59	6/1/2022 16:44	
2-Methylpentane	90.6	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
3-Methylpentane	91.7	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
neo-Pentane	73.9	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
n-Pentane	93.3	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Pentanes	83.5	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Propane	48.9	1000	ppm	42-130	6/1/2022 11:59	6/1/2022 16:44	
2-Propanol (IPA)	100	1000	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Tetrahydrofuran	93.5	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	
Toluene	94.4	50.00	ppm	70-130	6/1/2022 11:59	6/1/2022 16:44	



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### Quality Control Microbials

#### Batch: 2148027 - Microbials

Blank(2148027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Aspergillus Fumigatus	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Terreus	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Niger	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Flavus	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 18:01	

LCS(2148027-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Aspergillus Fumigatus		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Terreus		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Niger		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 18:01	
Aspergillus Flavus		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 18:01	

#### Batch: 2148028 - Microbials

Blank(2148028-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 17:35	
Escherichia Coli	Pass	0.00	CFU/g		6/1/2022 11:18	6/4/2022 17:35	

LCS(2148028-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 17:35	
Escherichia Coli		0.00	CFU/g	0-200	6/1/2022 11:18	6/4/2022 17:35	

#### Batch: 2148031 - Metals

Blank(2148031-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		6/1/2022 11:35	6/1/2022 18:58	
Lead	< LOQ	0.0500	ug/g		6/1/2022 11:35	6/1/2022 18:58	
Arsenic	< LOQ	0.0500	ug/g		6/1/2022 11:35	6/1/2022 18:58	
Mercury	< LOQ	0.0100	ug/g		6/1/2022 11:35	6/1/2022 18:58	

LCS(2148031-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	94.3	0.0500	ug/g	70-130	6/1/2022 11:35	6/1/2022 19:00	
Lead	90.8	0.0500	ug/g	70-130	6/1/2022 11:35	6/1/2022 19:00	
Arsenic	96.4	0.0500	ug/g	70-130	6/1/2022 11:35	6/1/2022 19:00	
Mercury	103	0.0100	ug/g	70-130	6/1/2022 11:35	6/1/2022 19:00	



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### Notes and Definitions

- 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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