



Arete HTV1

Sample ID: G2D0157-01

Matrix: Hemp Extracts &

Test ID: 5027898

Source ID:

Date Sampled: 04/07/22

Date Accepted: 04/07/22

Arete Hemp LLC

Results at a Glance

METALS : PASS



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LABORATORY**

Eric Wendt
Chief Science Officer - 4/13/2022



Arete HTV1

Sample ID: G2D0157-01

Matrix: Hemp Extracts &

Test ID: 5027898

Source ID:

Date Sampled: 04/07/22

Date Accepted: 04/07/22

Arete Hemp LLC

Metals Analysis by ICPMS

Date/Time Extracted: 04/12/22 11:33

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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Chief Science Officer - 4/13/2022



Arete HTV1

Sample ID: G2D0154-01

Matrix: Hemp Extracts &

Test ID: 5027896

Source ID:

Date Sampled: 04/06/22

Date Accepted: 04/06/22

Arete Hemp LLC

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	<LOQ(0.1577%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	<LOQ(0.0431%) %	< LOQ %	< LOQ %	0 % PASS
delta 8-THC:	91.60 %	91.31 %	91.88 %	
Pesticides:	PASS	PASS	PASS	
Solvents:	PASS	PASS	PASS	



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Quality Control Metals Analysis

Batch: 2216005 - Metals

Blank(2216005-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		04/12/22 11:33	04/12/22 17:49	
Lead	< LOQ	0.0500	ug/g		04/12/22 11:33	04/12/22 17:49	
Arsenic	< LOQ	0.0500	ug/g		04/12/22 11:33	04/12/22 17:49	
Mercury	< LOQ	0.0100	ug/g		04/12/22 11:33	04/12/22 17:49	

LCS(2216005-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	86.7	0.0500	ug/g	70-130	04/12/22 11:33	04/12/22 17:51	
Lead	91.3	0.0500	ug/g	70-130	04/12/22 11:33	04/12/22 17:51	
Arsenic	101	0.0500	ug/g	70-130	04/12/22 11:33	04/12/22 17:51	
Mercury	88.5	0.0100	ug/g	70-130	04/12/22 11:33	04/12/22 17:51	



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This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Arete HTV1

Sample ID: G2D0154-01

Matrix: Hemp Extracts &

Test ID: 5027896

Source ID:

Date Sampled: 04/06/22

Date Accepted: 04/06/22

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 04/09/22 11:05

Analysis Method/SOP: 215

Batch Identification: 2215055

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>91.3</p> <p>delta 8-THC 91.3 Total: 91.3</p>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	91.31	913.1	
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	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		91.31	913.1	

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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Arete HTV1

Sample ID: G2D0154-01

Matrix: Hemp Extracts &

Test ID: 5027896

Source ID:

Date Sampled: 04/06/22

Date Accepted: 04/06/22

Arete Hemp LLC

Pesticide Analysis in ppm

Date/Time Extracted: 04/08/22 17:06

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		Acetamidrid	< 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		Fonicamid	< 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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Arete HTV1

Sample ID: G2D0154-01

Matrix: Hemp Extracts &

Test ID: 5027896

Source ID:

Date Sampled: 04/06/22

Date Accepted: 04/06/22

Arete Hemp LLC

Residual Solvents

Date/Time Extracted: 04/12/22 13:36

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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Quality Control Potency

Batch: 2215055 - 215-Concentrates

Blank(2215055-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/09/22 11:05	04/09/22 18:37	
delta 9-THC	< LOQ	0.0005	%		04/09/22 11:05	04/09/22 18:37	
delta 8-THC	< LOQ	0.0934	%		04/09/22 11:05	04/09/22 18:37	
THCV	< LOQ	0.1052	%		04/09/22 11:05	04/09/22 18:37	
THCVA	< LOQ	0.0392	%		04/09/22 11:05	04/09/22 18:37	
CBD	< LOQ	0.0005	%		04/09/22 11:05	04/09/22 18:37	
CBDA	< LOQ	0.0005	%		04/09/22 11:05	04/09/22 18:37	
CBDV	< LOQ	0.1040	%		04/09/22 11:05	04/09/22 18:37	
CBDVA	< LOQ	0.0341	%		04/09/22 11:05	04/09/22 18:37	
CBN	< LOQ	0.0622	%		04/09/22 11:05	04/09/22 18:37	
CBG	< LOQ	0.0164	%		04/09/22 11:05	04/09/22 18:37	
CBGA	< LOQ	0.0164	%		04/09/22 11:05	04/09/22 18:37	
CBC	< LOQ	0.0186	%		04/09/22 11:05	04/09/22 18:37	

Reference(2215055-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	100	0.00012	%	90-110	04/09/22 11:05	04/09/22 19:00	
delta 9-THC	99.8	0.00012	%	90-110	04/09/22 11:05	04/09/22 19:00	
delta 8-THC	90.6	0.0223	%	90-110	04/09/22 11:05	04/09/22 19:00	
CBD	97.6	0.00012	%	90-110	04/09/22 11:05	04/09/22 19:00	
CBDA	94.3	0.00012	%	90-110	04/09/22 11:05	04/09/22 19:00	

Pesticide Analysis

Batch: 2215052 - 202

Blank(2215052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Acephate	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Acequinocyl	< LOQ	0.5	ppm		04/08/22 17:06	04/10/22 16:16	
Acetamiprid	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Aldicarb	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Azoxystrobin	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Bifenazate	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Bifenthrin	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Boscalid	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Carbaryl	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Carbofuran	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Chlorantraniliprole	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	



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Quality Control Pesticide Analysis (Continued)

Batch: 2215052 - 202 (Continued)

Blank(2215052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorfenapyr	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Chlorpyrifos	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Clofentezine	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Daminozide	< LOQ	0.5	ppm		04/08/22 17:06	04/10/22 16:16	
Cyfluthrin	< LOQ	0.5	ppm		04/08/22 17:06	04/10/22 09:17	
Diazinon	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Cypermethrin	< LOQ	0.5	ppm		04/08/22 17:06	04/10/22 09:17	
Dimethoate	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Ethoprophos	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Etofenprox	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Etoxazole	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Fenoxycarb	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Fenpyroximate	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Fonicamid	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Hexythiazox	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Imazalil	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Fipronil	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Imidacloprid	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Fludioxonil	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Metalaxyl	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Methiocarb	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Methomyl	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Myclobutanil	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Kresoxim-methyl	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Naled	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Malathion	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Oxamyl	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Paclobutrazol	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Permethrins	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Methyl parathion	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
MGK-264	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	
Phosmet	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Piperonyl butoxide	< LOQ	0.9	ppm		04/08/22 17:06	04/10/22 16:16	
Prallethrin	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Propoxur	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Pyrethrins	< LOQ	0.5	ppm		04/08/22 17:06	04/10/22 16:16	
Pyridaben	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Propiconazole	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 09:17	



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Quality Control Pesticide Analysis (Continued)

Batch: 2215052 - 202 (Continued)

Blank(2215052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spinosad	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Spiromesifen	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Spirotetramat	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Spiroxamine	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Tebuconazole	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Thiacloprid	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Thiamethoxam	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	
Trifloxystrobin	< LOQ	0.1	ppm		04/08/22 17:06	04/10/22 16:16	

LCS(2215052-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	97.4	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
DDVP (Dichlorvos)	107	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Acephate	155	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Acequinocyl	83.1	0.5	ppm	40-160	04/08/22 17:06	04/10/22 16:39	
Acetamiprid	104	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Aldicarb	101	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Azoxystrobin	98.5	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Bifenazate	82.5	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Bifenthrin	129	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Boscalid	95.0	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Carbaryl	114	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Carbofuran	106	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Chlorantraniliprole	68.8	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Chlorfenapyr	89.1	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Chlorpyrifos	103	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Clofentezine	66.1	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Daminozide	118	0.5	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Cyfluthrin	98.9	0.5	ppm	50-150	04/08/22 17:06	04/10/22 09:39	
Diazinon	109	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Cypermethrin	79.4	0.5	ppm	50-150	04/08/22 17:06	04/10/22 09:39	
Dimethoate	105	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Ethoprophos	102	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Etofenprox	94.6	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Etoxazole	87.7	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Fenoxycarb	110	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Fenpyroximate	128	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Fonicamid	142	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Hexythiazox	97.8	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	



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Quality Control Pesticide Analysis (Continued)

Batch: 2215052 - 202 (Continued)

LCS(2215052-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Imazalil	94.6	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Fipronil	112	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Imidacloprid	119	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Fludioxonil	109	0.1	ppm	50-150	04/08/22 17:06	04/10/22 09:39	
Metalaxyl	99.1	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Methiocarb	103	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Methomyl	121	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Myclobutanil	116	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Kresoxim-methyl	115	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Naled	106	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Malathion	119	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Oxamyl	102	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Paclobutrazol	113	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Permethrins	107	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Methyl parathion	122	0.1	ppm	50-150	04/08/22 17:06	04/10/22 09:39	
MGK-264	113	0.1	ppm	50-150	04/08/22 17:06	04/10/22 09:39	
Phosmet	114	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Piperonyl butoxide	29.3	0.9	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Prallethrin	111	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Propoxur	117	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Pyrethrins	149	0.5	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Pyridaben	86.3	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Propiconazole	104	0.1	ppm	60-120	04/08/22 17:06	04/10/22 09:39	
Spinosad	83.8	0.1	ppm	50-150	04/08/22 17:06	04/10/22 16:39	
Spiromesifen	121	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	BSH
Spirotetramat	113	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Spiroxamine	93.6	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Tebuconazole	110	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Thiacloprid	106	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Thiamethoxam	119	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	
Trifloxystrobin	95.9	0.1	ppm	60-120	04/08/22 17:06	04/10/22 16:39	

Solvent Analysis

Batch: 2216013 - 205

Blank(2216013-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Acetonitrile	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	



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Quality Control Solvent Analysis (Continued)

Batch: 2216013 - 205 (Continued)

Blank(2216013-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		04/12/22 13:36	04/13/22 19:07	
Butanes	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
2-Butanol	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Cumene	< LOQ	35.00	ppm		04/12/22 13:36	04/13/22 19:07	
Cyclohexane	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
Dichloromethane	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
1,4-Dioxane	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
2-Ethoxyethanol	< LOQ	80.00	ppm		04/12/22 13:36	04/13/22 19:07	
Ethyl acetate	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Ethyl benzene	< LOQ	35.00	ppm		04/12/22 13:36	04/13/22 19:07	
Ethylene glycol	< LOQ	310.0	ppm		04/12/22 13:36	04/13/22 19:07	
Ethylene oxide	< LOQ	25.00	ppm		04/12/22 13:36	04/13/22 19:07	
Ethyl ether	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Heptane	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Hexanes	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
Isopropyl acetate	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Methanol	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Pentanes	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Propane	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
2-Propanol (IPA)	< LOQ	1000	ppm		04/12/22 13:36	04/13/22 19:07	
Tetrahydrofuran	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
Toluene	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	
Xylenes	< LOQ	50.00	ppm		04/12/22 13:36	04/13/22 19:07	

LCS(2216013-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	72.3	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Acetonitrile	73.7	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Benzene	70.1	1.000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Butanes	62.8	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
2-Butanol	73.0	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Cumene	68.3	35.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
Cyclohexane	71.0	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Dichloromethane	75.1	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
1,4-Dioxane	68.2	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
2-Ethoxyethanol	69.4	80.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
Ethyl acetate	69.9	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
Ethyl benzene	67.9	35.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
Ethylene glycol	71.5	310.0	ppm	60-120	04/12/22 13:36	04/13/22 16:42	



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Quality Control Solvent Analysis (Continued)

Batch: 2216013 - 205 (Continued)

LCS(2216013-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	73.3	25.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Ethyl ether	73.0	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Heptane	78.2	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Hexanes	70.2	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Isopropyl acetate	70.2	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Methanol	88.0	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Pentanes	67.2	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
Propane	53.1	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL
2-Propanol (IPA)	76.4	1000	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Tetrahydrofuran	78.3	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	
Toluene	68.4	50.00	ppm	60-120	04/12/22 13:36	04/13/22 16:42	BSL



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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.

- 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 CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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