



#073

Sample ID: G2A0099-01

Matrix: Hemp Extracts &

Test ID: 5022003

Source ID:

Date Sampled: 01/06/22

Date Accepted: 01/06/22

Delta Alternatives
questions@deltalternatives.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (15% Action Level)
Total THC:	<LOQ(0.1577%) %	< LOQ %	< LOQ %	0 % PASS
Total CBD:	3.154 %	3.193 %	3.114 %	2.5 % PASS
Total CBG:	9.476 %	9.611 %	9.341 %	
delta 8-THC:	74.35 %	75.75 %	72.95 %	
Pesticides:	PASS	PASS	PASS	
Solvents:	PASS	PASS	PASS	



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Eric Wendt
Chief Science Officer - 1/14/2022

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questions@deltaalternatives.com

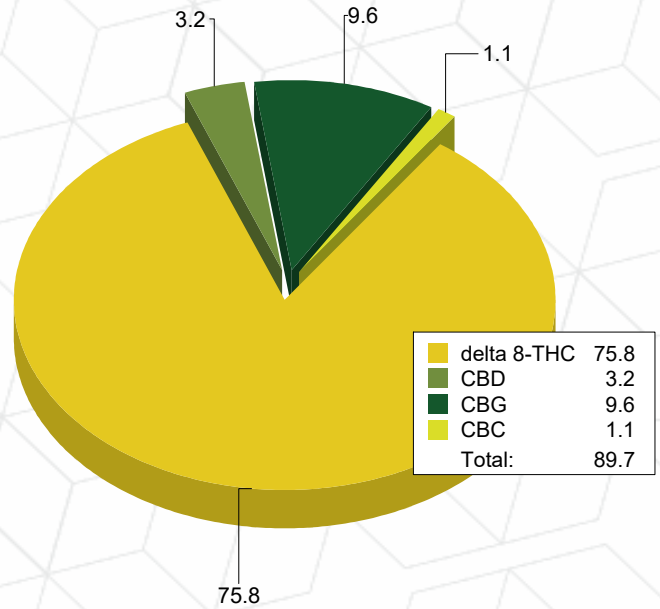
Potency Analysis

Date/Time Extracted: 01/10/22 09:43

Analysis Method/SOP: 215

Batch Identification: 2203004

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.1577	< LOQ	< LOQ		
Total CBD	0.0431	3.193	31.93		
Total CBG	0.0164	9.611	96.11		
THCA	0.0005	< LOQ	< LOQ		
delta 9-THC	0.0005	< LOQ	< LOQ		
delta 8-THC	0.0934	75.75	757.5		
THCV	0.1052	< LOQ	< LOQ		
THCVA	0.0392	< LOQ	< LOQ		
CBD	0.0005	3.193	31.93		
CBDA	0.0005	< LOQ	< LOQ		
CBDV	0.1040	< LOQ	< LOQ		
CBDVA	0.0341	< LOQ	< LOQ		
CBN	0.0622	< LOQ	< LOQ		
CBG	0.0164	9.611	96.11		
CBGA	0.0164	< LOQ	< LOQ		
CBC	0.0186	1.119	11.19		
Total Cannabinoids		89.67	896.7		



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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Matrix: Hemp Extracts &

Test ID: 5022003

Source ID:

Date Sampled: 01/06/22

Date Accepted: 01/06/22

Delta Alternatives

questions@deltaalternatives.com

Pesticide Analysis in ppm

Date/Time Extracted: 01/08/22 10:46

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		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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Matrix: Hemp Extracts &

Test ID: 5022003

Source ID:

Date Sampled: 01/06/22

Date Accepted: 01/06/22

Delta Alternatives
questions@deltaalternatives.com

Residual Solvents

Date/Time Extracted: 01/10/22 13:52

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: 2203004 - 215-Concentrates

Blank(2203004-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/10/22 09:43	01/10/22 15:53	
delta 9-THC	< LOQ	0.0005	%		01/10/22 09:43	01/10/22 15:53	
delta 8-THC	< LOQ	0.0934	%		01/10/22 09:43	01/10/22 15:53	
THCV	< LOQ	0.1052	%		01/10/22 09:43	01/10/22 15:53	
THCVA	< LOQ	0.0392	%		01/10/22 09:43	01/10/22 15:53	
CBD	< LOQ	0.0005	%		01/10/22 09:43	01/10/22 15:53	
CBDA	< LOQ	0.0005	%		01/10/22 09:43	01/10/22 15:53	
CBDV	< LOQ	0.1040	%		01/10/22 09:43	01/10/22 15:53	
CBDVA	< LOQ	0.0341	%		01/10/22 09:43	01/10/22 15:53	
CBN	< LOQ	0.0622	%		01/10/22 09:43	01/10/22 15:53	
CBG	< LOQ	0.0164	%		01/10/22 09:43	01/10/22 15:53	
CBGA	< LOQ	0.0164	%		01/10/22 09:43	01/10/22 15:53	
CBC	< LOQ	0.0186	%		01/10/22 09:43	01/10/22 15:53	

Reference(2203004-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	106	0.0002	%	70-130	01/10/22 09:43	01/10/22 16:16	
delta 9-THC	104	0.0002	%	70-130	01/10/22 09:43	01/10/22 16:16	
CBD	99.8	0.0002	%	70-130	01/10/22 09:43	01/10/22 16:16	
CBDA	99.3	0.0002	%	70-130	01/10/22 09:43	01/10/22 16:16	

Pesticide Analysis

Batch: 2202058 - 202

Blank(2202058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Acephate	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Acequinocyl	< LOQ	0.4	ppm		01/08/22 10:46	01/08/22 19:20	
Acetamiprid	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Aldicarb	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Azoxystrobin	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Bifenazate	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Bifenthrin	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Boscalid	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Carbaryl	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Carbofuran	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Chlorantraniliprole	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Chlorfenapyr	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Chlorpyrifos	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	



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Quality Control Pesticide Analysis (Continued)

Batch: 2202058 - 202 (Continued)

Blank(2202058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Clofentezine	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Daminozide	< LOQ	0.4	ppm		01/08/22 10:46	01/08/22 19:20	
Cyfluthrin	< LOQ	0.4	ppm		01/08/22 10:46	01/08/22 17:57	
Diazinon	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Cypermethrin	< LOQ	0.4	ppm		01/08/22 10:46	01/08/22 17:57	
Dimethoate	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Ethoprophos	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Etofenprox	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Etoxazole	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Fenoxycarb	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Fenpyroximate	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Flonicamid	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Hexythiazox	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Imazalil	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Fipronil	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Imidacloprid	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Fludioxonil	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Metalaxyl	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Methiocarb	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Methomyl	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Myclobutanil	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Kresoxim-methyl	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Naled	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Malathion	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Oxamyl	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Paclobutrazol	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Permethrins	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Methyl parathion	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
MGK-264	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Phosmet	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Piperonyl butoxide	< LOQ	0.8	ppm		01/08/22 10:46	01/08/22 19:20	
Prallethrin	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Propoxur	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Pyrethrins	< LOQ	0.4	ppm		01/08/22 10:46	01/08/22 19:20	
Pyridaben	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Propiconazole	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 17:57	
Spinosad	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Spiromesifen	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	



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Quality Control Pesticide Analysis (Continued)

Batch: 2202058 - 202 (Continued)

Blank(2202058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spirotetramat	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Spiroxamine	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Tebuconazole	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Thiacloprid	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Thiamethoxam	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
Trifloxystrobin	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	
DDVP (Dichlorvos)	< LOQ	0.09	ppm		01/08/22 10:46	01/08/22 19:20	

LCS(2202058-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	85.0	0.09	ppm	10-172	01/08/22 10:46	01/08/22 19:43	
Acephate	79.4	0.09	ppm	55.6-157	01/08/22 10:46	01/08/22 19:43	
Acequinocyl	90.0	0.4	ppm	10-100	01/08/22 10:46	01/08/22 19:43	
Acetamiprid	84.1	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Aldicarb	85.5	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Azoxystrobin	86.6	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Bifenazate	111	0.09	ppm	45-130	01/08/22 10:46	01/08/22 19:43	
Bifenthrin	86.8	0.09	ppm	49.9-140	01/08/22 10:46	01/08/22 19:43	
Boscalid	91.2	0.09	ppm	57-124	01/08/22 10:46	01/08/22 18:19	
Carbaryl	84.1	0.09	ppm	64.6-150	01/08/22 10:46	01/08/22 19:43	
Carbofuran	83.6	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Chlorantraniliprole	48.2	0.09	ppm	34-117	01/08/22 10:46	01/08/22 19:43	
Chlorfenapyr	111	0.09	ppm	65.1-149	01/08/22 10:46	01/08/22 18:19	
Chlorpyrifos	85.0	0.09	ppm	34-159	01/08/22 10:46	01/08/22 19:43	
Clofentezine	95.7	0.09	ppm	10-100	01/08/22 10:46	01/08/22 19:43	
Daminozide	89.3	0.4	ppm	10-214	01/08/22 10:46	01/08/22 19:43	
Cyfluthrin	115	0.4	ppm	61.5-142	01/08/22 10:46	01/08/22 18:19	
Diazinon	81.8	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Cypermethrin	137	0.4	ppm	54.3-166	01/08/22 10:46	01/08/22 18:19	
Dimethoate	80.6	0.09	ppm	63.7-144	01/08/22 10:46	01/08/22 19:43	
Ethoprophos	84.0	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Etofenprox	94.9	0.09	ppm	53.7-123	01/08/22 10:46	01/08/22 19:43	
Etoxazole	92.3	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Fenoxycarb	83.7	0.09	ppm	61.7-136	01/08/22 10:46	01/08/22 19:43	
Fenpyroximate	93.3	0.09	ppm	18.9-100	01/08/22 10:46	01/08/22 19:43	
Flonicamid	89.4	0.09	ppm	36.9-173	01/08/22 10:46	01/08/22 19:43	
Hexythiazox	95.3	0.09	ppm	40.9-182	01/08/22 10:46	01/08/22 19:43	
Imazalil	79.5	0.09	ppm	44.6-109	01/08/22 10:46	01/08/22 19:43	
Fipronil	99.7	0.09	ppm	60.2-140	01/08/22 10:46	01/08/22 18:19	



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Chief Science Officer - 1/14/2022

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Quality Control Pesticide Analysis (Continued)

Batch: 2202058 - 202 (Continued)

LCS(2202058-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Imidacloprid	86.9	0.09	ppm	52.5-163	01/08/22 10:46	01/08/22 19:43	
Fludioxonil	96.8	0.09	ppm	70-130	01/08/22 10:46	01/08/22 18:19	
Metalaxyl	83.7	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Methiocarb	84.8	0.09	ppm	75.6-137	01/08/22 10:46	01/08/22 19:43	
Methomyl	88.6	0.09	ppm	44.1-167	01/08/22 10:46	01/08/22 19:43	
Myclobutanil	83.8	0.09	ppm	72.5-142	01/08/22 10:46	01/08/22 19:43	
Kresoxim-methyl	105	0.09	ppm	70.3-140	01/08/22 10:46	01/08/22 18:19	
Naled	74.6	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Malathion	113	0.09	ppm	67.5-132	01/08/22 10:46	01/08/22 18:19	
Oxamyl	90.0	0.09	ppm	55-155	01/08/22 10:46	01/08/22 19:43	
Paclobutrazol	82.5	0.09	ppm	65-144	01/08/22 10:46	01/08/22 19:43	
Permethrins	88.9	0.09	ppm	10-180	01/08/22 10:46	01/08/22 19:43	
Methyl parathion	108	0.09	ppm	51.9-131	01/08/22 10:46	01/08/22 18:19	
MGK-264	112	0.09	ppm	70-136	01/08/22 10:46	01/08/22 18:19	
Phosmet	80.0	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Piperonyl butoxide	91.3	0.8	ppm	10-166	01/08/22 10:46	01/08/22 19:43	
Prallethrin	97.0	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Propoxur	83.9	0.09	ppm	70.3-147	01/08/22 10:46	01/08/22 19:43	
Pyrethrins	64.7	0.4	ppm	10-198	01/08/22 10:46	01/08/22 19:43	
Pyridaben	86.8	0.09	ppm	60.3-128	01/08/22 10:46	01/08/22 19:43	
Propiconazole	107	0.09	ppm	68.7-135	01/08/22 10:46	01/08/22 18:19	
Spinosad	74.1	0.09	ppm	39-127	01/08/22 10:46	01/08/22 19:43	
Spiromesifen	94.4	0.09	ppm	40.8-187	01/08/22 10:46	01/08/22 19:43	
Spirotetramat	77.0	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Spiroxamine	80.7	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Tebuconazole	79.9	0.09	ppm	50.8-133	01/08/22 10:46	01/08/22 19:43	
Thiacloprid	83.7	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Thiamethoxam	90.2	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
Trifloxystrobin	87.3	0.09	ppm	70-130	01/08/22 10:46	01/08/22 19:43	
DDVP (Dichlorvos)	81.6	0.09	ppm	39.1-185	01/08/22 10:46	01/08/22 19:43	

Solvent Analysis

Batch: 2203006 - 205

Blank(2203006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Acetonitrile	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
Benzene	< LOQ	1.000	ppm		01/10/22 13:52	01/11/22 08:24	



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Quality Control Solvent Analysis (Continued)

Batch: 2203006 - 205 (Continued)

Blank(2203006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Butanes	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
2-Butanol	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Cumene	< LOQ	35.00	ppm		01/10/22 13:52	01/11/22 08:24	
Cyclohexane	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
Dichloromethane	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
1,4-Dioxane	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
2-Ethoxyethanol	< LOQ	80.00	ppm		01/10/22 13:52	01/11/22 08:24	
Ethyl acetate	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Ethyl benzene	< LOQ	35.00	ppm		01/10/22 13:52	01/11/22 08:24	
Ethylene glycol	< LOQ	310.0	ppm		01/10/22 13:52	01/11/22 08:24	
Ethylene oxide	< LOQ	25.00	ppm		01/10/22 13:52	01/11/22 08:24	
Ethyl ether	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Heptane	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Hexanes	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
Isopropyl acetate	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Methanol	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Pentanes	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Propane	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
2-Propanol (IPA)	< LOQ	1000	ppm		01/10/22 13:52	01/11/22 08:24	
Tetrahydrofuran	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
Toluene	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	
Xylenes	< LOQ	50.00	ppm		01/10/22 13:52	01/11/22 08:24	

LCS(2203006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	110	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Acetonitrile	114	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Benzene	110	1.000	ppm	66.6-119	01/10/22 13:52	01/10/22 15:31	
Butanes	118	1000	ppm	55-130	01/10/22 13:52	01/10/22 15:31	
2-Butanol	107	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Cumene	132	35.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	BSH
Cyclohexane	111	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Dichloromethane	113	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
1,4-Dioxane	120	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
2-Ethoxyethanol	94.6	80.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Ethyl acetate	108	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Ethyl benzene	127	35.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Ethylene glycol	158	310.0	ppm	60.3-146	01/10/22 13:52	01/10/22 15:31	BSH
Ethylene oxide	111	25.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	



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Quality Control Solvent Analysis (Continued)

Batch: 2203006 - 205 (Continued)

LCS(2203006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethyl ether	111	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Heptane	110	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Hexanes	112	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Isopropyl acetate	111	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Methanol	69.1	1000	ppm	45-130	01/10/22 13:52	01/10/22 15:31	
Pentanes	114	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Propane	124	1000	ppm	42-130	01/10/22 13:52	01/10/22 15:31	
2-Propanol (IPA)	95.4	1000	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Tetrahydrofuran	111	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	
Toluene	121	50.00	ppm	70-130	01/10/22 13:52	01/10/22 15:31	



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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.

- 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.
- 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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73

Sample ID: G2A0099-03

Matrix: Hemp Extracts &

Test ID: 5022004

Source ID:

Date Sampled: 01/06/22

Date Accepted: 01/06/22

Delta Alternatives
questions@deltalternatives.com

Results at a Glance

METALS : PASS



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LABORATORY**

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73

Sample ID: G2A0099-03

Matrix: Hemp Extracts &

Test ID: 5022004

Source ID:

Date Sampled: 01/06/22

Date Accepted: 01/06/22

Delta Alternatives
questions@deltalternatives.com

Metals Analysis by ICPMS

Date/Time Extracted: 01/12/22 11:43

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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Quality Control Metals Analysis

Batch: 2203033 - Metals

Blank(2203033-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		01/12/22 11:43	01/13/22 16:02	
Lead	< LOQ	0.0500	ug/g		01/12/22 11:43	01/13/22 16:02	
Arsenic	< LOQ	0.0500	ug/g		01/12/22 11:43	01/13/22 16:02	
Mercury	< LOQ	0.0100	ug/g		01/12/22 11:43	01/13/22 16:02	

LCS(2203033-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	79.8	0.0500	ug/g	70-130	01/12/22 11:43	01/13/22 16:04	
Lead	78.4	0.0500	ug/g	70-130	01/12/22 11:43	01/13/22 16:04	
Arsenic	91.0	0.0500	ug/g	70-130	01/12/22 11:43	01/13/22 16:04	
Mercury	81.5	0.0100	ug/g	70-130	01/12/22 11:43	01/13/22 16:04	



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Notes and Definitions

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Quality Control samples were tested as received.

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- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
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- 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.
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- 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.
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- 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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