



### DA078

Sample ID: G2F0325-01

Matrix: Hemp Extracts &

Test ID: 5022213

Source ID:

Date Sampled: 06/22/22

Date Accepted: 06/22/22

**Delta Alternatives**  
questions@deltalternatives.com

### 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:	82.51 %	81.18 %	83.84 %	
Total Cannabinoids:	87.60 %	86.72 %	88.48 %	
Pesticides:	PASS	PASS	PASS	
Solvents:	PASS	PASS	PASS	
Metals:		PASS		



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Eric Wendt  
Chief Science Officer - 7/6/2022

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### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 81.18 % **PASS**

Total Cannabinoids : 86.72 % **PASS**

Pesticides : **PASS**

Residual Solvent Analysis : **PASS**



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**Delta Alternatives**  
questions@deltalternatives.com

### Potency Analysis

Date/Time Extracted: 06/23/22 11:55

Analysis Method/SOP: 215

Batch Identification: 2226032

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile								
Total THC	0.1577	< LOQ	< LOQ	<table border="1"> <tr><td>delta 8-THC</td><td>81.2</td></tr> <tr><td>CBN</td><td>0.2</td></tr> <tr><td>CBC</td><td>5.3</td></tr> <tr><td>Total:</td><td>86.7</td></tr> </table>	delta 8-THC	81.2	CBN	0.2	CBC	5.3	Total:	86.7
delta 8-THC	81.2											
CBN	0.2											
CBC	5.3											
Total:	86.7											
Total CBD	0.0431	< LOQ	< LOQ									
THCA	0.0005	< LOQ	< LOQ									
delta 9-THC	0.0005	< LOQ	< LOQ									
delta 8-THC	0.0934	81.18	811.8									
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	0.2379	2.379									
CBG	0.0164	< LOQ	< LOQ									
CBGA	0.0164	< LOQ	< LOQ									
CBC	0.0186	5.299	52.99									
<b>Total Cannabinoids</b>		<b>86.72</b>	<b>867.2</b>									

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: 5022213

Source ID:

Date Sampled: 06/22/22

Date Accepted: 06/22/22

Delta Alternatives

questions@deltalternatives.com

### Pesticide Analysis in ppm

Date/Time Extracted: 06/23/22 10:04

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: 5022213

Source ID:

Date Sampled: 06/22/22

Date Accepted: 06/22/22

**Delta Alternatives**  
questions@deltalternatives.com

### Residual Solvents

Date/Time Extracted: 06/27/22 10:20

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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Chief Science Officer - 7/6/2022

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### Quality Control Potency

Batch: 2226032 - 215-Concentrates

Blank(2226032-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		06/23/22 11:55	06/23/22 17:26	
delta 9-THC	< LOQ	0.0005	%		06/23/22 11:55	06/23/22 17:26	
delta 8-THC	< LOQ	0.0934	%		06/23/22 11:55	06/23/22 17:26	
THCV	< LOQ	0.1052	%		06/23/22 11:55	06/23/22 17:26	
THCVA	< LOQ	0.0392	%		06/23/22 11:55	06/23/22 17:26	
CBD	< LOQ	0.0005	%		06/23/22 11:55	06/23/22 17:26	
CBDA	< LOQ	0.0005	%		06/23/22 11:55	06/23/22 17:26	
CBDV	< LOQ	0.1040	%		06/23/22 11:55	06/23/22 17:26	
CBDVA	< LOQ	0.0341	%		06/23/22 11:55	06/23/22 17:26	
CBN	< LOQ	0.0622	%		06/23/22 11:55	06/23/22 17:26	
CBG	< LOQ	0.0164	%		06/23/22 11:55	06/23/22 17:26	
CBGA	< LOQ	0.0164	%		06/23/22 11:55	06/23/22 17:26	
CBC	< LOQ	0.0186	%		06/23/22 11:55	06/23/22 17:26	

Reference(2226032-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0001	%	90-110	06/23/22 11:55	06/23/22 17:49	
delta 9-THC	96.9	0.0001	%	90-110	06/23/22 11:55	06/23/22 17:49	
delta 8-THC	103	0.0227	%	90-110	06/23/22 11:55	06/23/22 17:49	
CBD	97.4	0.0001	%	90-110	06/23/22 11:55	06/23/22 17:49	
CBDA	91.0	0.0001	%	90-110	06/23/22 11:55	06/23/22 17:49	

### Pesticide Analysis

Batch: 2226030 - 202

Blank(2226030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Acephate	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Acequinocyl	< LOQ	0.5	ppm		06/23/22 10:04	06/24/22 07:37	
Acetamiprid	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Aldicarb	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Azoxystrobin	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Bifenazate	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Bifenthrin	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Boscalid	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Carbaryl	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Carbofuran	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Chlorantraniliprole	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Chlorfenapyr	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2226030 - 202 (Continued)

Blank(2226030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Clofentezine	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Daminozide	< LOQ	0.5	ppm		06/23/22 10:04	06/24/22 07:37	
Cyfluthrin	< LOQ	0.5	ppm		06/23/22 10:04	06/24/22 03:53	
Diazinon	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Cypermethrin	< LOQ	0.5	ppm		06/23/22 10:04	06/24/22 03:53	
Dimethoate	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Ethoprophos	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Etofenprox	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Etoxazole	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Fenoxycarb	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Fenpyroximate	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Flonicamid	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Hexythiazox	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Imazalil	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Fipronil	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Imidacloprid	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Fludioxonil	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Metalaxyl	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Methiocarb	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Methomyl	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Myclobutanil	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Kresoxim-methyl	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Naled	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Malathion	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Oxamyl	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Paclobutrazol	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Permethrins	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Methyl parathion	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
MGK-264	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Phosmet	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Piperonyl butoxide	< LOQ	0.9	ppm		06/23/22 10:04	06/24/22 07:37	
Prallethrin	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Propoxur	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Pyrethrins	< LOQ	0.5	ppm		06/23/22 10:04	06/24/22 07:37	
Pyridaben	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Propiconazole	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 03:53	
Spinosad	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2226030 - 202 (Continued)

Blank(2226030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Spirotetramat	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Spiroxamine	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Tebuconazole	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Thiacloprid	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Thiamethoxam	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
Trifloxystrobin	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		06/23/22 10:04	06/24/22 07:37	

LCS(2226030-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	83.6	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Acephate	99.3	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Acequinocyl	90.5	0.5	ppm	40-160	06/23/22 10:04	06/24/22 08:00	
Acetamiprid	107	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Aldicarb	101	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Azoxystrobin	112	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Bifenazate	75.3	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Bifenthrin	159	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	BSH
Boscalid	81.4	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	
Carbaryl	105	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Carbofuran	100	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Chlorantraniliprole	107	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Chlorfenapyr	103	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	
Chlorpyrifos	86.3	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Clofentezine	69.1	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Daminozide	292	0.5	ppm	60-120	06/23/22 10:04	06/24/22 08:00	BSH
Cyfluthrin	96.6	0.5	ppm	50-150	06/23/22 10:04	06/24/22 04:15	
Diazinon	102	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Cypermethrin	90.1	0.5	ppm	50-150	06/23/22 10:04	06/24/22 04:15	
Dimethoate	105	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Ethoprophos	98.5	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Etofenprox	110	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Etoxazole	109	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Fenoxycarb	100	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Fenpyroximate	104	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Flonicamid	108	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Hexythiazox	101	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Imazalil	96.4	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2226030 - 202 (Continued)

LCS(2226030-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	107	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	
Imidacloprid	109	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Fludioxonil	100	0.1	ppm	50-150	06/23/22 10:04	06/24/22 04:15	
Metalaxyl	108	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Methiocarb	104	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Methomyl	104	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Myclobutanil	102	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Kresoxim-methyl	131	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	BSH
Naled	120	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Malathion	119	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	
Oxamyl	103	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Paclobutrazol	101	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Permethrins	123	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Methyl parathion	91.3	0.1	ppm	50-150	06/23/22 10:04	06/24/22 04:15	
MGK-264	131	0.1	ppm	50-150	06/23/22 10:04	06/24/22 04:15	
Phosmet	108	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Piperonyl butoxide	122	0.9	ppm	60-120	06/23/22 10:04	06/24/22 08:00	BSH
Prallethrin	105	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Propoxur	99.2	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Pyrethrins	83.7	0.5	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Pyridaben	103	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Propiconazole	100	0.1	ppm	60-120	06/23/22 10:04	06/24/22 04:15	
Spinosad	113	0.1	ppm	50-150	06/23/22 10:04	06/24/22 08:00	
Spiromesifen	98.7	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Spirotetramat	107	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Spiroxamine	107	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Tebuconazole	95.8	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Thiacloprid	103	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Thiamethoxam	106	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
Trifloxystrobin	111	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	
DDVP (Dichlorvos)	103	0.1	ppm	60-120	06/23/22 10:04	06/24/22 08:00	

### Solvent Analysis

Batch: 2227001 - 205

Blank(2227001-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Acetonitrile	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	



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### Quality Control Solvent Analysis (Continued)

Batch: 2227001 - 205 (Continued)

Blank(2227001-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		06/27/22 10:20	06/28/22 08:33	
Butanes	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
2-Butanol	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Cumene	< LOQ	35.00	ppm		06/27/22 10:20	06/28/22 08:33	
Cyclohexane	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
Dichloromethane	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
1,4-Dioxane	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
2-Ethoxyethanol	< LOQ	80.00	ppm		06/27/22 10:20	06/28/22 08:33	
Ethyl acetate	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Ethyl benzene	< LOQ	35.00	ppm		06/27/22 10:20	06/28/22 08:33	
Ethylene glycol	< LOQ	310.0	ppm		06/27/22 10:20	06/28/22 08:33	
Ethylene oxide	< LOQ	25.00	ppm		06/27/22 10:20	06/28/22 08:33	
Ethyl ether	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Heptane	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Hexanes	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
Isopropyl acetate	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Methanol	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Pentanes	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Propane	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
2-Propanol (IPA)	< LOQ	1000	ppm		06/27/22 10:20	06/28/22 08:33	
Tetrahydrofuran	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
Toluene	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	
Xylenes	< LOQ	50.00	ppm		06/27/22 10:20	06/28/22 08:33	

LCS(2227001-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	104	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Acetonitrile	90.9	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Benzene	107	1.000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Butanes	93.5	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
2-Butanol	91.8	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Cumene	156	35.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	BSH
Cyclohexane	104	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Dichloromethane	82.6	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
1,4-Dioxane	117	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
2-Ethoxyethanol	107	80.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Ethyl acetate	96.2	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Ethyl benzene	122	35.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	BSH
Ethylene glycol	109	310.0	ppm	60-120	06/27/22 10:20	06/27/22 12:19	



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### Quality Control Solvent Analysis (Continued)

Batch: 2227001 - 205 (Continued)

LCS(2227001-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	97.6	25.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Ethyl ether	97.3	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Heptane	92.7	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Hexanes	96.4	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Isopropyl acetate	103	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Methanol	90.6	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Pentanes	96.9	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Propane	103	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
2-Propanol (IPA)	96.2	1000	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Tetrahydrofuran	92.7	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	
Toluene	122	50.00	ppm	60-120	06/27/22 10:20	06/27/22 12:19	BSH



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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 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 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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