



### FWCBN024

Sample ID: G1L0428-01

Matrix: Hemp Extracts &

Test ID: 5014823

Source ID:

Date Sampled: 12/22/21

Date Accepted: 12/22/21

*Fresh Bros.*

### 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:	0.0778 %	0.0819 %	0.0737 %	10.5 % PASS
CBN:	99.58 %	99.73 %	99.42 %	
Pesticides:	PASS	PASS	PASS	
Solvents:	PASS	PASS	PASS	



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Eric Wendt  
Chief Science Officer - 12/31/2021

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Matrix: Hemp Extracts &

Test ID: 5014823

Source ID:

Date Sampled: 12/22/21

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*Fresh Bros.*

### Potency Analysis

Date/Time Extracted: 12/23/21 13:16

Analysis Method/SOP: 215

Batch Identification: 2152044

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>A 3D pie chart showing the composition of cannabinoids. The chart is almost entirely dark green, representing CBN at 99.7%. A very small yellow slice represents CBDA at 0.1%. A legend box on the right side of the chart lists: CBDA 0.1, CBN 99.7, and Total: 99.8. Lines connect the labels to their respective slices.</p>
Total CBD	0.0431	0.0819	0.819	
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	< LOQ	< LOQ	
CBDA	0.0005	0.0934	0.934	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	99.73	997.3	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
<b>Total Cannabinoids</b>		<b>99.82</b>	<b>998.2</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: 5014823

Source ID:

Date Sampled: 12/22/21

Date Accepted: 12/22/21

*Fresh Bros.*

### Pesticide Analysis in ppm

Date/Time Extracted: 12/23/21 10:24

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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### FWCBN024

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Matrix: Hemp Extracts &

Test ID: 5014823

Source ID:

Date Sampled: 12/22/21

Date Accepted: 12/22/21

*FloraWorks USA Inc.*

### Residual Solvents

Date/Time Extracted: 12/23/21 15:31

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: 2152044 - 215-Concentrates

Blank(2152044-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/23/21 13:16	12/23/21 23:35	
delta 9-THC	< LOQ	0.0005	%		12/23/21 13:16	12/23/21 23:35	
delta 8-THC	< LOQ	0.0934	%		12/23/21 13:16	12/23/21 23:35	
THCV	< LOQ	0.1052	%		12/23/21 13:16	12/23/21 23:35	
THCVA	< LOQ	0.0392	%		12/23/21 13:16	12/23/21 23:35	
CBD	< LOQ	0.0005	%		12/23/21 13:16	12/23/21 23:35	
CBDA	< LOQ	0.0005	%		12/23/21 13:16	12/23/21 23:35	
CBDV	< LOQ	0.1040	%		12/23/21 13:16	12/23/21 23:35	
CBDVA	< LOQ	0.0341	%		12/23/21 13:16	12/23/21 23:35	
CBN	< LOQ	0.0622	%		12/23/21 13:16	12/23/21 23:35	
CBG	< LOQ	0.0164	%		12/23/21 13:16	12/23/21 23:35	
CBGA	< LOQ	0.0164	%		12/23/21 13:16	12/23/21 23:35	
CBC	< LOQ	0.0186	%		12/23/21 13:16	12/23/21 23:35	

Reference(2152044-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	92.7	0.0002	%	70-130	12/23/21 13:16	12/23/21 23:58	
delta 9-THC	97.8	0.0002	%	70-130	12/23/21 13:16	12/23/21 23:58	
CBD	96.8	0.0002	%	70-130	12/23/21 13:16	12/23/21 23:58	
CBDA	94.2	0.0002	%	70-130	12/23/21 13:16	12/23/21 23:58	

### Pesticide Analysis

Batch: 2152039 - 202

Blank(2152039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Acephate	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Acequinocyl	< LOQ	0.5	ppm		12/23/21 10:24	12/24/21 05:53	
Acetamiprid	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Aldicarb	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Azoxystrobin	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Bifenazate	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Bifenthrin	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Boscalid	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Carbaryl	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Carbofuran	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Chlorantraniliprole	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Chlorfenapyr	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 03:34	
Chlorpyrifos	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2152039 - 202 (Continued)

Blank(2152039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Clofentezine	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Daminozide	< LOQ	0.5	ppm		12/23/21 10:24	12/24/21 05:53	
Cyfluthrin	< LOQ	0.5	ppm		12/23/21 10:24	12/24/21 03:34	
Diazinon	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Cypermethrin	< LOQ	0.5	ppm		12/23/21 10:24	12/24/21 03:34	
Dimethoate	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Ethoprophos	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Etofenprox	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Etoxazole	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Fenoxycarb	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Fenpyroximate	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Flonicamid	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Fludioxonil	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Hexythiazox	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Imazalil	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Fipronil	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 03:34	
Imidacloprid	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Malathion	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Metalaxyl	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Methiocarb	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Methomyl	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
MGK-264	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Myclobutanil	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Kresoxim-methyl	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 03:34	
Naled	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Oxamyl	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Paclobutrazol	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Permethrins	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Methyl parathion	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 03:34	
Phosmet	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Piperonyl butoxide	< LOQ	0.9	ppm		12/23/21 10:24	12/24/21 05:53	
Prallethrin	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Propoxur	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Pyrethrins	< LOQ	0.5	ppm		12/23/21 10:24	12/24/21 05:53	
Pyridaben	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Spinosad	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Spiromesifen	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Spirotetramat	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2152039 - 202 (Continued)

Blank(2152039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiroxamine	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Tebuconazole	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Thiacloprid	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Thiamethoxam	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Trifloxystrobin	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
Propiconazole	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		12/23/21 10:24	12/24/21 05:53	

LCS(2152039-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	72.3	0.1	ppm	10-172	12/23/21 10:24	12/24/21 06:17	
Acephate	93.2	0.1	ppm	55.6-157	12/23/21 10:24	12/24/21 06:17	
Acequinocyl	101	0.5	ppm	10-100	12/23/21 10:24	12/24/21 06:17	
Acetamiprid	81.5	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Aldicarb	81.8	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Azoxystrobin	82.9	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Bifenazate	83.6	0.1	ppm	45-130	12/23/21 10:24	12/24/21 06:17	
Bifenthrin	85.9	0.1	ppm	49.9-140	12/23/21 10:24	12/24/21 06:17	
Boscalid	86.0	0.1	ppm	64.2-140	12/23/21 10:24	12/24/21 06:17	
Carbaryl	84.9	0.1	ppm	64.6-150	12/23/21 10:24	12/24/21 06:17	
Carbofuran	82.2	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Chlorantraniliprole	39.5	0.1	ppm	42.8-117	12/23/21 10:24	12/24/21 06:17	
Chlorfenapyr	159	0.1	ppm	65.1-149	12/23/21 10:24	12/24/21 03:57	BSH
Chlorpyrifos	91.4	0.1	ppm	44.8-159	12/23/21 10:24	12/24/21 06:17	
Clofentezine	89.4	0.1	ppm	10-100	12/23/21 10:24	12/24/21 06:17	
Daminozide	84.2	0.5	ppm	10-214	12/23/21 10:24	12/24/21 06:17	
Cyfluthrin	80.0	0.5	ppm	61.5-142	12/23/21 10:24	12/24/21 03:57	
Diazinon	79.4	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Cypermethrin	210	0.5	ppm	54.3-166	12/23/21 10:24	12/24/21 03:57	BSH
Dimethoate	79.2	0.1	ppm	63.7-144	12/23/21 10:24	12/24/21 06:17	
Ethoprophos	81.2	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Etofenprox	82.4	0.1	ppm	53.7-123	12/23/21 10:24	12/24/21 06:17	
Etoxazole	83.8	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Fenoxycarb	79.8	0.1	ppm	61.7-136	12/23/21 10:24	12/24/21 06:17	
Fenpyroximate	67.1	0.1	ppm	18.9-100	12/23/21 10:24	12/24/21 06:17	
Flonicamid	93.8	0.1	ppm	36.9-173	12/23/21 10:24	12/24/21 06:17	
Fludioxonil	84.9	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17	
Hexythiazox	86.0	0.1	ppm	40.9-182	12/23/21 10:24	12/24/21 06:17	
Imazalil	76.6	0.1	ppm	44.6-109	12/23/21 10:24	12/24/21 06:17	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2152039 - 202 (Continued)

LCS(2152039-BS1)									
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes		
Fipronil	261	0.1	ppm	60.2-140	12/23/21 10:24	12/24/21 03:57	BSH		
Imidacloprid	90.6	0.1	ppm	52.5-163	12/23/21 10:24	12/24/21 06:17			
Malathion	93.9	0.1	ppm	73.1-138	12/23/21 10:24	12/24/21 06:17			
Metalaxyl	82.2	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Methiocarb	85.0	0.1	ppm	75.6-137	12/23/21 10:24	12/24/21 06:17			
Methomyl	83.9	0.1	ppm	44.1-167	12/23/21 10:24	12/24/21 06:17			
MGK-264	104	0.1	ppm	62.5-140	12/23/21 10:24	12/24/21 06:17			
Myclobutanil	84.2	0.1	ppm	72.5-142	12/23/21 10:24	12/24/21 06:17			
Kresoxim-methyl	251	0.1	ppm	70.3-140	12/23/21 10:24	12/24/21 03:57	BSH		
Naled	75.7	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Oxamyl	84.7	0.1	ppm	55-155	12/23/21 10:24	12/24/21 06:17			
Paclobutrazol	83.3	0.1	ppm	65-144	12/23/21 10:24	12/24/21 06:17			
Permethrins	89.9	0.1	ppm	10-180	12/23/21 10:24	12/24/21 06:17			
Methyl parathion	203	0.1	ppm	51.9-131	12/23/21 10:24	12/24/21 03:57	BSH		
Phosmet	82.5	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Piperonyl butoxide	147	0.9	ppm	10-166	12/23/21 10:24	12/24/21 06:17			
Prallethrin	89.7	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Propoxur	82.2	0.1	ppm	70.3-147	12/23/21 10:24	12/24/21 06:17			
Pyrethrins	462	0.5	ppm	10-198	12/23/21 10:24	12/24/21 06:17			
Pyridaben	78.9	0.1	ppm	60.3-128	12/23/21 10:24	12/24/21 06:17			
Spinosad	84.2	0.1	ppm	39-127	12/23/21 10:24	12/24/21 06:17			
Spiromesifen	81.0	0.1	ppm	40.8-187	12/23/21 10:24	12/24/21 06:17			
Spirotetramat	80.0	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Spiroxamine	77.3	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Tebuconazole	79.0	0.1	ppm	50.8-133	12/23/21 10:24	12/24/21 06:17			
Thiacloprid	83.0	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Thiamethoxam	90.7	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Trifloxystrobin	85.6	0.1	ppm	70-130	12/23/21 10:24	12/24/21 06:17			
Propiconazole	84.3	0.1	ppm	33.4-147	12/23/21 10:24	12/24/21 06:17			
DDVP (Dichlorvos)	101	0.1	ppm	39.1-185	12/23/21 10:24	12/24/21 06:17			

### Solvent Analysis

Batch: 2152049 - 205

Blank(2152049-BLK1)								
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analized	Notes	
Acetone	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39		
Acetonitrile	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39		
Benzene	< LOQ	1.000	ppm		12/23/21 15:31	12/25/21 02:39		



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### Quality Control Solvent Analysis (Continued)

Batch: 2152049 - 205 (Continued)

Blank(2152049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Butanes	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
2-Butanol	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Cumene	< LOQ	35.00	ppm		12/23/21 15:31	12/25/21 02:39	
Cyclohexane	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
Dichloromethane	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
1,4-Dioxane	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
2-Ethoxyethanol	< LOQ	80.00	ppm		12/23/21 15:31	12/25/21 02:39	
Ethyl acetate	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Ethyl benzene	< LOQ	35.00	ppm		12/23/21 15:31	12/25/21 02:39	
Ethylene glycol	< LOQ	310.0	ppm		12/23/21 15:31	12/25/21 02:39	
Ethylene oxide	< LOQ	25.00	ppm		12/23/21 15:31	12/25/21 02:39	
Ethyl ether	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Heptane	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Hexanes	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
Isopropyl acetate	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Methanol	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Pentanes	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Propane	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
2-Propanol (IPA)	< LOQ	1000	ppm		12/23/21 15:31	12/25/21 02:39	
Tetrahydrofuran	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
Toluene	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	
Xylenes	< LOQ	50.00	ppm		12/23/21 15:31	12/25/21 02:39	

LCS(2152049-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	81.1	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Acetonitrile	79.9	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Benzene	90.0	1.000	ppm	66.6-119	12/23/21 15:31	12/24/21 20:56	
n-Butane	58.3	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Butanes	58.6	1000	ppm	55-130	12/23/21 15:31	12/24/21 20:56	
2-Butanol	81.2	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Cumene	106	35.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Cyclohexane	80.5	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Dichloromethane	77.9	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
1,4-Dioxane	98.1	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
2-Ethoxyethanol	87.6	80.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Ethyl acetate	85.4	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Ethyl benzene	100	35.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Ethylene glycol	122	310.0	ppm	60.3-146	12/23/21 15:31	12/24/21 20:56	



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## Quality Control Solvent Analysis (Continued)

Batch: 2152049 - 205 (Continued)

LCS(2152049-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	70.0	25.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Ethyl ether	74.6	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Heptane	75.2	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
n-Hexane	73.7	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Hexanes	73.6	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
iso-Butane	58.8	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Isopropyl acetate	83.7	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
iso-Pentane	65.3	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Methanol	106	1000	ppm	45-130	12/23/21 15:31	12/24/21 20:56	
2-Methylpentane	71.3	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
3-Methylpentane	73.4	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
neo-Pentane	64.7	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
n-Pentane	68.0	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Pentanes	66.0	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Propane	52.9	1000	ppm	42-130	12/23/21 15:31	12/24/21 20:56	
2-Propanol (IPA)	76.7	1000	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Tetrahydrofuran	80.4	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	
Toluene	94.3	50.00	ppm	70-130	12/23/21 15:31	12/24/21 20:56	



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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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