



### D8ID - 082124.1

Sample ID: G4H0249-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5036373

Source ID:

Date Sampled: 08/23/24

Date Accepted: 08/23/24

**MCNutraceuticals**

brendan@mcnutraceuticals.com

### Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 90.45 % **PASS**

Pesticides : **PASS**

Residual Solvent Analysis : **PASS**

Metals : **PASS**



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Nolan Mundie  
Lab Director - 9/3/2024

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### Potency Analysis

Date/Time Extracted: 08/26/24 10:02

Analysis Method/SOP: 215

Batch Identification: 2435001

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	<p>90.5</p> <ul style="list-style-type: none"> <li>delta 8-THC 90.5</li> <li>Total: 90.5</li> </ul>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	90.45	904.5	
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	
<b>Total Cannabinoids</b>		90.45	904.5	

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### Pesticide Analysis in ppm

Date/Time Extracted: 08/29/24 10:22

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.10	ppm		Acephate	< LOQ	0.4		0.10	ppm	
Acequinocyl	< LOQ	2		0.48	ppm		Acetamidrid	< LOQ	0.2		0.10	ppm	
Aldicarb	< LOQ	0.4		0.10	ppm		Azoxystrobin	< LOQ	0.2		0.10	ppm	
Bifenazate	< LOQ	0.2		0.10	ppm		Bifenthrin	< LOQ	0.2		0.10	ppm	
Boscalid	< LOQ	0.4		0.10	ppm		Carbaryl	< LOQ	0.2		0.10	ppm	
Carbofuran	< LOQ	0.2		0.10	ppm		Chlorantraniliprole	< LOQ	0.2		0.10	ppm	
Chlorfenapyr	< LOQ	1		0.10	ppm		Chlorpyrifos	< LOQ	0.2		0.10	ppm	
Clofentezine	< LOQ	0.2		0.10	ppm		Cyfluthrin	< LOQ	1		0.48	ppm	
Cypermethrin	< LOQ	1		0.48	ppm		Daminozide	< LOQ	1		0.48	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.10	ppm		Diazinon	< LOQ	0.2		0.10	ppm	
Dimethoate	< LOQ	0.2		0.10	ppm		Ethoprophos	< LOQ	0.2		0.10	ppm	
Etofenprox	< LOQ	0.4		0.10	ppm		Etoxazole	< LOQ	0.2		0.10	ppm	
Fenoxycarb	< LOQ	0.2		0.10	ppm		Fenpyroximate	< LOQ	0.4		0.20	ppm	
Fipronil	< LOQ	0.4		0.10	ppm		Fonicamid	< LOQ	1		0.10	ppm	
Fludioxonil	< LOQ	0.4		0.10	ppm		Hexythiazox	< LOQ	1		0.10	ppm	
Imazalil	< LOQ	0.2		0.10	ppm		Imidacloprid	< LOQ	0.4		0.10	ppm	
Kresoxim-methyl	< LOQ	0.4		0.10	ppm		Malathion	< LOQ	0.2		0.10	ppm	
Metalaxyl	< LOQ	0.2		0.10	ppm		Methiocarb	< LOQ	0.2		0.10	ppm	
Methomyl	< LOQ	0.4		0.10	ppm		Methyl parathion	< LOQ	0.2		0.10	ppm	
MGK-264	< LOQ	0.2		0.10	ppm		Myclobutanil	< LOQ	0.2		0.10	ppm	
Naled	< LOQ	0.5		0.10	ppm		Oxamyl	< LOQ	1		0.10	ppm	
Paclobutrazol	< LOQ	0.4		0.10	ppm		Permethrins	< LOQ	0.2		0.10	ppm	
Phosmet	< LOQ	0.2		0.10	ppm		Piperonyl butoxide	< LOQ	2		0.90	ppm	
Prallethrin	< LOQ	0.2		0.10	ppm		Propiconazole	< LOQ	0.4		0.10	ppm	
Propoxur	< LOQ	0.2		0.10	ppm		Pyrethrins	< LOQ	1		0.48	ppm	
Pyridaben	< LOQ	0.2		0.10	ppm		Spinosad	< LOQ	0.2		0.10	ppm	
Spiromesifen	< LOQ	0.2		0.10	ppm		Spirotetramat	< LOQ	0.2		0.10	ppm	
Spiroxamine	< LOQ	0.4		0.10	ppm		Tebuconazole	< LOQ	0.4		0.10	ppm	
Thiacloprid	< LOQ	0.2		0.10	ppm		Thiamethoxam	< LOQ	0.2		0.10	ppm	
Trifloxystrobin	< LOQ	0.2		0.10	ppm								

ND - Compound not detected

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



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Lab Director - 9/3/2024

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### Residual Solvents

Date/Time Extracted: 08/30/24 09:25

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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### Metals by ICPMS

**Date/Time Extracted: 08/30/24 11:57**

**Analysis Method/SOP: Metals**

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	< LOQ	0.2	0.03	0.08	ug/g
Cadmium	< LOQ	0.2	0.02	0.08	ug/g
Lead	< LOQ	0.5	0.01	0.08	ug/g
Mercury	< LOQ	0.1	0.01	0.04	ug/g

<LOQ - Results below the Limit of Quantitation

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### Quality Control Potency

Batch: 2435001 - 215-Concentrates

Blank(2435001-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0002	%		08/26/24 10:02	08/26/24 16:38	
delta 9-THC	< LOQ	0.0002	%		08/26/24 10:02	08/26/24 16:38	
delta 8-THC	< LOQ	0.0465	%		08/26/24 10:02	08/26/24 16:38	
THCV	< LOQ	0.0523	%		08/26/24 10:02	08/26/24 16:38	
THCVA	< LOQ	0.0195	%		08/26/24 10:02	08/26/24 16:38	
CBD	< LOQ	0.0002	%		08/26/24 10:02	08/26/24 16:38	
CBDA	< LOQ	0.0002	%		08/26/24 10:02	08/26/24 16:38	
CBDV	< LOQ	0.0518	%		08/26/24 10:02	08/26/24 16:38	
CBDVA	< LOQ	0.0170	%		08/26/24 10:02	08/26/24 16:38	
CBN	< LOQ	0.0310	%		08/26/24 10:02	08/26/24 16:38	
CBG	< LOQ	0.0082	%		08/26/24 10:02	08/26/24 16:38	
CBGA	< LOQ	0.0082	%		08/26/24 10:02	08/26/24 16:38	
CBC	< LOQ	0.0093	%		08/26/24 10:02	08/26/24 16:38	

Reference(2435001-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	108	0.0001	%	90-110	08/26/24 10:02	08/26/24 17:01	
delta 9-THC	110	0.0001	%	90-110	08/26/24 10:02	08/26/24 17:01	
delta 8-THC	108	0.0187	%	90-110	08/26/24 10:02	08/26/24 17:01	
CBD	100	0.0001	%	90-110	08/26/24 10:02	08/26/24 17:01	
CBDA	102	0.0001	%	90-110	08/26/24 10:02	08/26/24 17:01	

### Pesticide Analysis

Batch: 2435026 - 202

Blank(2435026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Acephate	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Acequinocyl	< LOQ	0.48	ppm		08/29/24 10:22	08/30/24 02:10	
Acetamiprid	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Aldicarb	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Azoxystrobin	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Bifenazate	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Bifenthrin	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Boscalid	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Carbaryl	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Carbofuran	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Chlorantraniliprole	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Chlorfenapyr	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2435026 - 202 (Continued)

Blank(2435026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Clofentezine	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Daminozide	< LOQ	0.48	ppm		08/29/24 10:22	08/30/24 02:10	
Cyfluthrin	< LOQ	0.48	ppm		08/29/24 10:22	08/30/24 00:56	
Diazinon	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Cypermethrin	< LOQ	0.48	ppm		08/29/24 10:22	08/30/24 00:56	
Dimethoate	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Ethoprophos	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Etofenprox	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Etoxazole	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Fenoxycarb	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Fenpyroximate	< LOQ	0.20	ppm		08/29/24 10:22	08/30/24 02:10	
Fonicamid	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Hexythiazox	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Imazalil	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Fipronil	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Imidacloprid	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Fludioxonil	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Metalaxyl	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Methiocarb	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Methomyl	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Myclobutanil	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Kresoxim-methyl	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Naled	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Malathion	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Oxamyl	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Paclobutrazol	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Permethrins	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Methyl parathion	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
MGK-264	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Phosmet	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Piperonyl butoxide	< LOQ	0.90	ppm		08/29/24 10:22	08/30/24 02:10	
Prallethrin	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Propoxur	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Pyrethrins	< LOQ	0.48	ppm		08/29/24 10:22	08/30/24 02:10	
Pyridaben	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Propiconazole	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 00:56	
Spinosad	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2435026 - 202 (Continued)

Blank(2435026-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Spirotetramat	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Spiroxamine	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Tebuconazole	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Thiacloprid	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Thiamethoxam	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
Trifloxystrobin	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	
DDVP (Dichlorvos)	< LOQ	0.10	ppm		08/29/24 10:22	08/30/24 02:10	

LCS(2435026-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	63.7	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Acephate	92.7	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Acequinocyl	87.9	0.48	ppm	40-160	08/29/24 10:22	08/30/24 02:35	
Acetamiprid	99.6	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Aldicarb	59.5	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	BSL
Azoxystrobin	104	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Bifenazate	97.4	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Bifenthrin	87.1	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Boscalid	92.6	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	
Carbaryl	92.0	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Carbofuran	84.2	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Chlorantraniliprole	89.3	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Chlorfenapyr	134	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	BSH
Chlorpyrifos	103	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Clofentezine	115	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Daminozide	149	0.48	ppm	60-120	08/29/24 10:22	08/30/24 02:35	BSH
Cyfluthrin	126	0.48	ppm	50-150	08/29/24 10:22	08/30/24 01:18	
Diazinon	90.1	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Cypermethrin	137	0.48	ppm	50-150	08/29/24 10:22	08/30/24 01:18	
Dimethoate	97.3	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Ethoprophos	83.9	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Etofenprox	95.0	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Etoxazole	97.4	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Fenoxycarb	86.8	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Fenpyroximate	96.2	0.20	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Fonicamid	89.0	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Hexythiazox	98.5	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Imazalil	89.5	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2435026 - 202 (Continued)

LCS(2435026-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	111	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	
Imidacloprid	107	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Fludioxonil	90.3	0.10	ppm	50-150	08/29/24 10:22	08/30/24 01:18	
Metalaxyl	85.9	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Methiocarb	117	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Methomyl	72.6	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Myclobutanil	89.3	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Kresoxim-methyl	114	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	
Naled	87.0	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Malathion	109	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	
Oxamyl	80.5	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Paclobutrazol	95.7	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Permethrins	91.3	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Methyl parathion	101	0.10	ppm	50-150	08/29/24 10:22	08/30/24 01:18	
MGK-264	107	0.10	ppm	50-150	08/29/24 10:22	08/30/24 01:18	
Phosmet	120	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Piperonyl butoxide	115	0.90	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Prallethrin	95.7	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Propoxur	91.8	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Pyrethrins	90.2	0.48	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Pyridaben	91.4	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Propiconazole	104	0.10	ppm	60-120	08/29/24 10:22	08/30/24 01:18	
Spinosad	59.2	0.10	ppm	50-150	08/29/24 10:22	08/30/24 02:35	
Spiromesifen	97.0	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Spirotetramat	111	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Spiroxamine	85.3	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Tebuconazole	93.6	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Thiacloprid	102	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Thiamethoxam	95.0	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
Trifloxystrobin	111	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	
DDVP (Dichlorvos)	116	0.10	ppm	60-120	08/29/24 10:22	08/30/24 02:35	

### Solvent Analysis

Batch: 2435034 - 205

Blank(2435034-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Acetonitrile	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	



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### Quality Control Solvent Analysis (Continued)

Batch: 2435034 - 205 (Continued)

Blank(2435034-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		08/30/24 09:25	08/31/24 10:45	
Butanes	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
2-Butanol	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Cumene	< LOQ	35.00	ppm		08/30/24 09:25	08/31/24 10:45	
Cyclohexane	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
Dichloromethane	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
1,4-Dioxane	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
2-Ethoxyethanol	< LOQ	80.00	ppm		08/30/24 09:25	08/31/24 10:45	
Ethyl acetate	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Ethyl benzene	< LOQ	35.00	ppm		08/30/24 09:25	08/31/24 10:45	
Ethylene glycol	< LOQ	310.0	ppm		08/30/24 09:25	08/31/24 10:45	
Ethylene oxide	< LOQ	25.00	ppm		08/30/24 09:25	08/31/24 10:45	
Ethyl ether	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Heptane	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Hexanes	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
Isopropyl acetate	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Methanol	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Pentanes	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Propane	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
2-Propanol (IPA)	< LOQ	1000	ppm		08/30/24 09:25	08/31/24 10:45	
Tetrahydrofuran	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
Toluene	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	
Xylenes	< LOQ	50.00	ppm		08/30/24 09:25	08/31/24 10:45	

LCS(2435034-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	70.8	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Acetonitrile	65.7	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Benzene	74.2	1.000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Butanes	60.4	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
2-Butanol	70.7	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Cumene	52.7	35.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	BSL
Cyclohexane	79.4	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Dichloromethane	71.1	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
1,4-Dioxane	62.4	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
2-Ethoxyethanol	58.5	80.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	BSL
Ethyl acetate	71.4	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Ethyl benzene	63.3	35.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Ethylene glycol	37.4	310.0	ppm	60-120	08/30/24 09:25	08/30/24 21:01	BSL



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### Quality Control Solvent Analysis (Continued)

Batch: 2435034 - 205 (Continued)

LCS(2435034-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	60.1	25.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Ethyl ether	75.2	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Heptane	78.3	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Hexanes	76.2	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Isopropyl acetate	71.0	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Methanol	70.7	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Pentanes	69.7	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Propane	50.1	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	BSL
2-Propanol (IPA)	73.7	1000	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Tetrahydrofuran	71.6	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	
Toluene	69.8	50.00	ppm	60-120	08/30/24 09:25	08/30/24 21:01	

### Metals

Batch: 2435044 - 217

Blank(2435044-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		08/30/24 11:57	08/30/24 16:06	
Lead	< LOQ	0.08	ug/g		08/30/24 11:57	08/30/24 16:06	
Arsenic	< LOQ	0.08	ug/g		08/30/24 11:57	08/30/24 16:06	
Mercury	< LOQ	0.04	ug/g		08/30/24 11:57	08/30/24 16:06	

LCS(2435044-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	98.2	0.08	ug/g	80-115	08/30/24 11:57	08/30/24 16:07	
Lead	101	0.08	ug/g	80-115	08/30/24 11:57	08/30/24 16:07	
Arsenic	99.3	0.08	ug/g	80-115	08/30/24 11:57	08/30/24 16:07	
Mercury	87.8	0.04	ug/g	80-115	08/30/24 11:57	08/30/24 16:07	



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### Ammended Report Explanation

Heavy Metals, Residual Solvents, and Pesticide analyses added per client request. This revised COA replaces COA issued 08.28.2024. - LL 08.29.2024

### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- 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.
- MSH Matrix Spike High - Matrix Spike recovery above method limits.
- MSI 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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