



D8ID.112023.1

Sample ID: G3L0026-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5026418

Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

MCNutraceuticals

brendan@mcnutraceuticals.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 91.85 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



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Eric Wendt
Chief Science Officer - 12/12/2023

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Test ID: 5026418

Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

MCNutraceuticals

brendan@mcnutraceuticals.com

Potency Analysis

Date/Time Extracted: 12/04/23 10:45

Analysis Method/SOP: 215

Batch Identification: 2349005

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	<p>91.9</p> <ul style="list-style-type: none"> delta 8-THC 91.9 Total: 91.9
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	91.85	918.5	
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	
Total Cannabinoids		91.85	918.5	

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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Matrix: Hemp Extracts & Concentrates

Test ID: 5026418

Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

MCNutraceuticals

brendan@mcnutraceuticals.com

Pesticide Analysis in ppm

Date/Time Extracted: 12/07/23 09:41

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	0.1	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	0.2	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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Test ID: 5026418

Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

MCNutraceuticals

brendan@mcnutraceuticals.com

Residual Solvents

Date/Time Extracted: 12/07/23 10:42

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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Source ID:

Date Sampled: 12/01/23

Date Accepted: 12/01/23

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brendan@mcnutraceuticals.com

Metals by ICPMS

Date/Time Extracted: 12/07/23 09:41

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

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



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Quality Control Potency

Batch: 2349005 - 215-Concentrates

Blank(2349005-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/04/23 10:45	12/04/23 15:35	
delta 9-THC	< LOQ	0.0005	%		12/04/23 10:45	12/04/23 15:35	
delta 8-THC	< LOQ	0.0934	%		12/04/23 10:45	12/04/23 15:35	
THCV	< LOQ	0.1052	%		12/04/23 10:45	12/04/23 15:35	
THCVA	< LOQ	0.0392	%		12/04/23 10:45	12/04/23 15:35	
CBD	< LOQ	0.0005	%		12/04/23 10:45	12/04/23 15:35	
CBDA	< LOQ	0.0005	%		12/04/23 10:45	12/04/23 15:35	
CBDV	< LOQ	0.1040	%		12/04/23 10:45	12/04/23 15:35	
CBDVA	< LOQ	0.0341	%		12/04/23 10:45	12/04/23 15:35	
CBN	< LOQ	0.0622	%		12/04/23 10:45	12/04/23 15:35	
CBG	< LOQ	0.0164	%		12/04/23 10:45	12/04/23 15:35	
CBGA	< LOQ	0.0164	%		12/04/23 10:45	12/04/23 15:35	
CBC	< LOQ	0.0186	%		12/04/23 10:45	12/04/23 15:35	

Reference(2349005-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.1	0.0002	%	90-110	12/04/23 10:45	12/04/23 15:58	
delta 9-THC	106	0.0002	%	90-110	12/04/23 10:45	12/04/23 15:58	
delta 8-THC	91.6	0.0452	%	90-110	12/04/23 10:45	12/04/23 15:58	
CBD	108	0.0002	%	90-110	12/04/23 10:45	12/04/23 15:58	
CBDA	95.4	0.0002	%	90-110	12/04/23 10:45	12/04/23 15:58	

Pesticide Analysis

Batch: 2349062 - 202

Blank(2349062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Acephate	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Acequinocyl	< LOQ	0.5	ppm		12/07/23 09:41	12/08/23 07:52	
Acetamiprid	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Aldicarb	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Azoxystrobin	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Bifenazate	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Bifenthrin	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Boscalid	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Carbaryl	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Carbofuran	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Chlorantraniliprole	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Chlorfenapyr	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	



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Quality Control Pesticide Analysis (Continued)

Batch: 2349062 - 202 (Continued)

Blank(2349062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Clofentezine	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Daminozide	< LOQ	0.5	ppm		12/07/23 09:41	12/08/23 07:52	
Cyfluthrin	< LOQ	0.5	ppm		12/07/23 09:41	12/08/23 03:31	
Diazinon	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Cypermethrin	< LOQ	0.5	ppm		12/07/23 09:41	12/08/23 03:31	
Dimethoate	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Ethoprophos	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Etofenprox	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Etoxazole	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Fenoxycarb	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Fenpyroximate	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Fonicamid	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Hexythiazox	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Imazalil	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Fipronil	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Imidacloprid	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Fludioxonil	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Metalaxyl	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Methiocarb	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Methomyl	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Myclobutanil	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Kresoxim-methyl	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Naled	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Malathion	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Oxamyl	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Paclobutrazol	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Permethrins	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Methyl parathion	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
MGK-264	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Phosmet	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Piperonyl butoxide	< LOQ	0.9	ppm		12/07/23 09:41	12/08/23 07:52	
Prallethrin	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Propoxur	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Pyrethrins	< LOQ	0.5	ppm		12/07/23 09:41	12/08/23 07:52	
Pyridaben	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Propiconazole	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 03:31	
Spinosad	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	



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Chief Science Officer - 12/12/2023



Quality Control Pesticide Analysis (Continued)

Batch: 2349062 - 202 (Continued)

Blank(2349062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Spirotetramat	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Spiroxamine	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Tebuconazole	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Thiacloprid	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Thiamethoxam	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
Trifloxystrobin	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		12/07/23 09:41	12/08/23 07:52	

LCS(2349062-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	114	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Acephate	110	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Acequinocyl	94.2	0.5	ppm	40-160	12/07/23 09:41	12/08/23 08:15	
Acetamiprid	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Aldicarb	101	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Azoxystrobin	99.9	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Bifenazate	105	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Bifenthrin	113	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Boscalid	77.4	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Carbaryl	104	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Carbofuran	102	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Chlorantraniliprole	100	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Chlorfenapyr	104	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Chlorpyrifos	93.6	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Clofentezine	98.7	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Daminozide	191	0.5	ppm	60-120	12/07/23 09:41	12/08/23 08:15	BSH
Cyfluthrin	105	0.5	ppm	50-150	12/07/23 09:41	12/08/23 03:53	
Diazinon	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Cypermethrin	87.4	0.5	ppm	50-150	12/07/23 09:41	12/08/23 03:53	
Dimethoate	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Ethoprophos	106	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Etofenprox	103	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Etoxazole	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Fenoxycarb	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Fenpyroximate	102	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Flonicamid	101	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Hexythiazox	115	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Imazalil	102	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	



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Quality Control Pesticide Analysis (Continued)

Batch: 2349062 - 202 (Continued)

LCS(2349062-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	101	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Imidacloprid	110	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Fludioxonil	90.2	0.1	ppm	50-150	12/07/23 09:41	12/08/23 03:53	
Metalaxyl	102	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Methiocarb	107	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Methomyl	107	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Myclobutanil	104	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Kresoxim-methyl	110	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Naled	107	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Malathion	87.6	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Oxamyl	102	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Paclobutrazol	104	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Permethrins	112	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Methyl parathion	77.1	0.1	ppm	50-150	12/07/23 09:41	12/08/23 03:53	
MGK-264	92.0	0.1	ppm	50-150	12/07/23 09:41	12/08/23 03:53	
Phosmet	104	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Piperonyl butoxide	110	0.9	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Prallethrin	117	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Propoxur	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Pyrethrins	141	0.5	ppm	60-120	12/07/23 09:41	12/08/23 08:15	BSH
Pyridaben	110	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Propiconazole	80.6	0.1	ppm	60-120	12/07/23 09:41	12/08/23 03:53	
Spinosad	80.2	0.1	ppm	50-150	12/07/23 09:41	12/08/23 08:15	
Spiromesifen	106	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Spirotetramat	107	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Spiroxamine	77.4	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Tebuconazole	105	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Thiacloprid	105	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Thiamethoxam	103	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
Trifloxystrobin	111	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	
DDVP (Dichlorvos)	114	0.1	ppm	60-120	12/07/23 09:41	12/08/23 08:15	

Solvent Analysis

Batch: 2349068 - 205

Blank(2349068-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Acetonitrile	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	



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Chief Science Officer - 12/12/2023

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Quality Control Solvent Analysis (Continued)

Batch: 2349068 - 205 (Continued)

Blank(2349068-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		12/07/23 10:42	12/08/23 15:33	
Butanes	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
2-Butanol	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Cumene	< LOQ	35.00	ppm		12/07/23 10:42	12/08/23 15:33	
Cyclohexane	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
Dichloromethane	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
1,4-Dioxane	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
2-Ethoxyethanol	< LOQ	80.00	ppm		12/07/23 10:42	12/08/23 15:33	
Ethyl acetate	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Ethyl benzene	< LOQ	35.00	ppm		12/07/23 10:42	12/08/23 15:33	
Ethylene glycol	< LOQ	310.0	ppm		12/07/23 10:42	12/08/23 15:33	
Ethylene oxide	< LOQ	25.00	ppm		12/07/23 10:42	12/08/23 15:33	
Ethyl ether	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Heptane	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Hexanes	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
Isopropyl acetate	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Methanol	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Pentanes	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Propane	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
2-Propanol (IPA)	< LOQ	1000	ppm		12/07/23 10:42	12/08/23 15:33	
Tetrahydrofuran	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
Toluene	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	
Xylenes	< LOQ	50.00	ppm		12/07/23 10:42	12/08/23 15:33	

LCS(2349068-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	97.0	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Acetonitrile	97.1	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Benzene	80.7	1.000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Butanes	86.8	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
2-Butanol	95.0	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Cumene	65.0	35.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Cyclohexane	102	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Dichloromethane	99.6	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
1,4-Dioxane	85.9	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
2-Ethoxyethanol	83.9	80.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Ethyl acetate	95.5	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Ethyl benzene	68.3	35.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Ethylene glycol	64.5	310.0	ppm	60-120	12/07/23 10:42	12/08/23 00:26	



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Quality Control Solvent Analysis (Continued)

Batch: 2349068 - 205 (Continued)

LCS(2349068-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	105	25.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Ethyl ether	100	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Heptane	105	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Hexanes	103	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Isopropyl acetate	97.2	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Methanol	99.5	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Pentanes	95.2	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Propane	80.6	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
2-Propanol (IPA)	98.1	1000	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Tetrahydrofuran	97.6	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	
Toluene	79.2	50.00	ppm	60-120	12/07/23 10:42	12/08/23 00:26	

Metals

Batch: 2349063 - 217

Blank(2349063-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		12/07/23 09:41	12/07/23 15:04	
Lead	< LOQ	0.08	ug/g		12/07/23 09:41	12/07/23 15:04	
Arsenic	< LOQ	0.08	ug/g		12/07/23 09:41	12/07/23 15:04	
Mercury	< LOQ	0.04	ug/g		12/07/23 09:41	12/07/23 15:04	

LCS(2349063-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	98.5	0.08	ug/g	80-115	12/07/23 09:41	12/07/23 15:05	
Lead	104	0.08	ug/g	80-115	12/07/23 09:41	12/07/23 15:05	
Arsenic	102	0.08	ug/g	80-115	12/07/23 09:41	12/07/23 15:05	
Mercury	97.9	0.04	ug/g	80-115	12/07/23 09:41	12/07/23 15:05	



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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 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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