



D8C-052322

Sample ID: G2E0345-01

Matrix: Hemp Extracts &

Test ID: 5021196

Source ID:

Date Sampled: 05/24/22

Date Accepted: 05/24/22

MCNutraceuticals

brendan@mcnutraceuticals.com

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 94.52 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

METALS : PASS



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Eric Wendt
Chief Science Officer - 6/1/2022

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D8C-052322

Sample ID: G2E0345-01

Matrix: Hemp Extracts &

Test ID: 5021196

Source ID:

Date Sampled: 05/24/22

Date Accepted: 05/24/22

MCNutraceuticals

brendan@mcnutraceuticals.com

Potency Analysis

Date/Time Extracted: 05/26/22 10:52

Analysis Method/SOP: 215

Batch Identification: 2222032

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>94.5</p> <ul style="list-style-type: none"> delta 8-THC 94.5 Total: 94.5
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	94.52	945.2	
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		94.52	945.2	

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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Test ID: 5021196

Source ID:

Date Sampled: 05/24/22

Date Accepted: 05/24/22

MCNutraceuticals

brendan@mcnutraceuticals.com

Pesticide Analysis in ppm

Date/Time Extracted: 05/25/22 12:33

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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Test ID: 5021196

Source ID:

Date Sampled: 05/24/22

Date Accepted: 05/24/22

MCNutraceuticals

brendan@mcnutraceuticals.com

Residual Solvents

Date/Time Extracted: 05/25/22 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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Test ID: 5021196

Source ID:

Date Sampled: 05/24/22

Date Accepted: 05/24/22

MCNutraceuticals

brendan@mcnutraceuticals.com

Metals Analysis by ICPMS

Date/Time Extracted: 06/01/22 10:58

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 Potency

Batch: 2222032 - 215-Concentrates

Blank(2222032-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/26/22 10:52	05/26/22 17:43	
delta 9-THC	< LOQ	0.0005	%		05/26/22 10:52	05/26/22 17:43	
delta 8-THC	< LOQ	0.0934	%		05/26/22 10:52	05/26/22 17:43	
THCV	< LOQ	0.1052	%		05/26/22 10:52	05/26/22 17:43	
THCVA	< LOQ	0.0392	%		05/26/22 10:52	05/26/22 17:43	
CBD	< LOQ	0.0005	%		05/26/22 10:52	05/26/22 17:43	
CBDA	< LOQ	0.0005	%		05/26/22 10:52	05/26/22 17:43	
CBDV	< LOQ	0.1040	%		05/26/22 10:52	05/26/22 17:43	
CBDVA	< LOQ	0.0341	%		05/26/22 10:52	05/26/22 17:43	
CBN	< LOQ	0.0622	%		05/26/22 10:52	05/26/22 17:43	
CBG	< LOQ	0.0164	%		05/26/22 10:52	05/26/22 17:43	
CBGA	< LOQ	0.0164	%		05/26/22 10:52	05/26/22 17:43	
CBC	< LOQ	0.0186	%		05/26/22 10:52	05/26/22 17:43	

Reference(2222032-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.7	0.0001	%	90-110	05/26/22 10:52	05/26/22 18:06	
delta 9-THC	107	0.0001	%	90-110	05/26/22 10:52	05/26/22 18:06	
delta 8-THC	98.9	0.0227	%	90-110	05/26/22 10:52	05/26/22 18:06	
CBD	92.8	0.0001	%	90-110	05/26/22 10:52	05/26/22 18:06	
CBDA	94.2	0.0001	%	90-110	05/26/22 10:52	05/26/22 18:06	

Pesticide Analysis

Batch: 2222022 - 202

Blank(2222022-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Acephate	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Acequinocyl	< LOQ	0.5	ppm		05/25/22 12:31	05/25/22 18:07	
Acetamiprid	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Aldicarb	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Azoxystrobin	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Bifenazate	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Bifenthrin	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Boscalid	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Carbaryl	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Carbofuran	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Chlorantraniliprole	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Chlorfenapyr	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	



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Quality Control Pesticide Analysis (Continued)

Batch: 2222022 - 202 (Continued)

Blank(2222022-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Clofentezine	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Daminozide	< LOQ	0.5	ppm		05/25/22 12:31	05/25/22 18:07	
Cyfluthrin	< LOQ	0.5	ppm		05/25/22 12:31	05/25/22 18:46	
Diazinon	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Cypermethrin	< LOQ	0.5	ppm		05/25/22 12:31	05/25/22 18:46	
Dimethoate	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Ethoprophos	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Etofenprox	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Etoxazole	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Fenoxycarb	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Fenpyroximate	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Fonicamid	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Hexythiazox	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Imazalil	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Fipronil	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Imidacloprid	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Fludioxonil	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Metalaxyl	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Methiocarb	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Methomyl	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Myclobutanil	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Kresoxim-methyl	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Naled	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Malathion	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Oxamyl	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Paclobutrazol	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Methyl parathion	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
MGK-264	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Phosmet	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Piperonyl butoxide	< LOQ	0.9	ppm		05/25/22 12:31	05/25/22 18:07	
Prallethrin	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Propoxur	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Permethrins	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Pyrethrins	< LOQ	0.5	ppm		05/25/22 12:31	05/25/22 18:07	
Pyridaben	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Propiconazole	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:46	
Spinosad	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	



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Quality Control Pesticide Analysis (Continued)

Batch: 2222022 - 202 (Continued)

Blank(2222022-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Spirotetramat	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Spiroxamine	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Tebuconazole	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Thiacloprid	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Thiamethoxam	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
Trifloxystrobin	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		05/25/22 12:31	05/25/22 18:07	

LCS(2222022-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	88.0	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Acephate	91.7	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Acequinocyl	79.2	0.5	ppm	40-160	05/25/22 12:31	05/25/22 18:30	
Acetamiprid	96.9	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Aldicarb	98.1	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Azoxystrobin	91.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Bifenazate	94.5	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Bifenthrin	86.0	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Boscalid	78.1	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	
Carbaryl	90.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Carbofuran	95.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Chlorantraniliprole	108	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Chlorfenapyr	169	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	BSH
Chlorpyrifos	88.3	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Clofentezine	108	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Daminozide	619	0.5	ppm	60-120	05/25/22 12:31	05/25/22 18:30	BSH
Cyfluthrin	82.7	0.5	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
Diazinon	91.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Cypermethrin	94.1	0.5	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
Dimethoate	97.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Ethoprophos	98.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Etofenprox	84.6	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Etoxazole	91.7	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Fenoxycarb	91.9	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Fenpyroximate	94.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Flonicamid	117	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Hexythiazox	91.1	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Imazalil	92.0	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	



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Quality Control Pesticide Analysis (Continued)

Batch: 2222022 - 202 (Continued)

LCS(2222022-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	109	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	
Imidacloprid	117	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Fludioxonil	91.4	0.1	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
Metalaxyl	90.5	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Methiocarb	92.3	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Methomyl	96.9	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Myclobutanil	89.8	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Kresoxim-methyl	101	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	
Naled	108	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Malathion	122	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	BSH
Oxamyl	101	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Paclobutrazol	91.2	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Methyl parathion	132	0.1	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
MGK-264	107	0.1	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
Phosmet	95.8	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Piperonyl butoxide	74.5	0.9	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Prallethrin	95.6	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Propoxur	96.7	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Permethrins	84.7	0.1	ppm	50-150	05/25/22 12:31	05/25/22 19:09	
Pyrethrins	117	0.5	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Pyridaben	92.1	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Propiconazole	94.6	0.1	ppm	60-120	05/25/22 12:31	05/25/22 19:09	
Spinosad	90.3	0.1	ppm	50-150	05/25/22 12:31	05/25/22 18:30	
Spiromesifen	94.1	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Spirotetramat	97.4	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Spiroxamine	74.2	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Tebuconazole	90.6	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Thiacloprid	100	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Thiamethoxam	108	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
Trifloxystrobin	94.4	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	
DDVP (Dichlorvos)	97.3	0.1	ppm	60-120	05/25/22 12:31	05/25/22 18:30	

Solvent Analysis

Batch: 2222027 - 205

Blank(2222027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Acetonitrile	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	



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Quality Control Solvent Analysis (Continued)

Batch: 2222027 - 205 (Continued)

Blank(2222027-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		05/25/22 15:31	05/26/22 03:34	
Butanes	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
2-Butanol	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Cumene	< LOQ	35.00	ppm		05/25/22 15:31	05/26/22 03:34	
Cyclohexane	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
Dichloromethane	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
1,4-Dioxane	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
2-Ethoxyethanol	< LOQ	80.00	ppm		05/25/22 15:31	05/26/22 03:34	
Ethyl acetate	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Ethyl benzene	< LOQ	35.00	ppm		05/25/22 15:31	05/26/22 03:34	
Ethylene glycol	< LOQ	310.0	ppm		05/25/22 15:31	05/26/22 03:34	
Ethylene oxide	< LOQ	25.00	ppm		05/25/22 15:31	05/26/22 03:34	
Ethyl ether	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Heptane	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Hexanes	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
Isopropyl acetate	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Methanol	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Pentanes	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Propane	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
2-Propanol (IPA)	< LOQ	1000	ppm		05/25/22 15:31	05/26/22 03:34	
Tetrahydrofuran	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
Toluene	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	
Xylenes	< LOQ	50.00	ppm		05/25/22 15:31	05/26/22 03:34	

LCS(2222027-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	65.9	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Acetonitrile	70.0	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Benzene	62.6	1.000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Butanes	71.6	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
2-Butanol	69.6	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Cumene	63.5	35.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Cyclohexane	63.1	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Dichloromethane	70.3	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
1,4-Dioxane	60.5	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
2-Ethoxyethanol	74.8	80.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Ethyl acetate	63.9	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Ethyl benzene	63.2	35.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Ethylene glycol	108	310.0	ppm	60-120	05/25/22 15:31	05/26/22 00:41	



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Quality Control Solvent Analysis (Continued)

Batch: 2222027 - 205 (Continued)

LCS(2222027-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	70.1	25.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Ethyl ether	66.5	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Heptane	71.6	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Hexanes	66.2	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Isopropyl acetate	64.9	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Methanol	100	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Pentanes	70.3	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Propane	68.2	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
2-Propanol (IPA)	73.4	1000	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Tetrahydrofuran	71.8	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	
Toluene	61.5	50.00	ppm	60-120	05/25/22 15:31	05/26/22 00:41	



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Quality Control Metals Analysis

Batch: 2223006 - Metals

Blank(2223006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		06/01/22 10:58	06/01/22 15:27	
Lead	< LOQ	0.0500	ug/g		06/01/22 10:58	06/01/22 15:27	
Arsenic	< LOQ	0.0500	ug/g		06/01/22 10:58	06/01/22 15:27	
Mercury	< LOQ	0.0100	ug/g		06/01/22 10:58	06/01/22 15:27	

LCS(2223006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	93.0	0.0500	ug/g	70-130	06/01/22 10:58	06/01/22 15:29	
Lead	90.5	0.0500	ug/g	70-130	06/01/22 10:58	06/01/22 15:29	
Arsenic	103	0.0500	ug/g	70-130	06/01/22 10:58	06/01/22 15:29	
Mercury	87.7	0.0100	ug/g	70-130	06/01/22 10:58	06/01/22 15:29	



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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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