

Quality Control Testing
Official Report

CBD Iso I01WG141



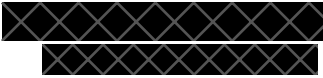
Matrix: Hemp Extracts & Concentrates

Source ID:

Date Sampled: 07/14/23

Date Accepted: 07/14/23

Harvest/Prod. Date: 07.14.2023



Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : 99.84 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



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This is for informational testing and is not compliance testing. Lab results apply to the sample as received.

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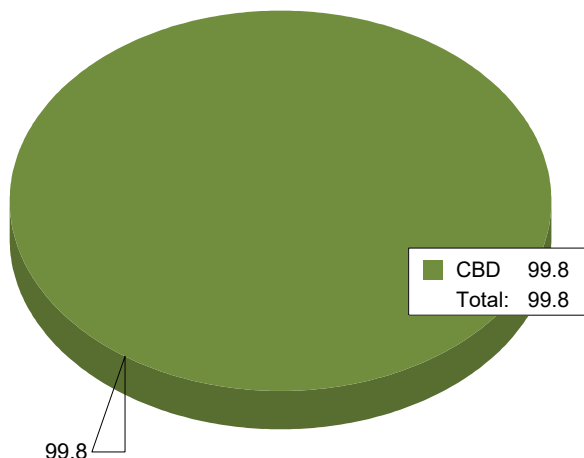
Potency Analysis by HPLC

Date/Time Extracted: 07/14/23 16:22

Analysis Method/SOP: 215

Batch Identification: 2328096

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	
Total CBD	0.0431	99.84	998.4	
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	99.84	998.4	
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		99.84	998.4	



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 & Concentrates

Source ID:

Date Sampled: 07/14/23

Date Accepted: 07/14/23

Harvest/Prod. Date: 07.14.2023

Pesticide Analysis by LCMSMS and GCMSMS

Date/Time Extracted: 07/14/23 16:45

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		Flonicamid	< 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	
Metaxyl	< 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 & Concentrates

Source ID:

Date Sampled: 07/14/23

Date Accepted: 07/14/23

Harvest/Prod. Date: 07.14.2023

Residual Solvents by GCMS-HS

Date/Time Extracted: 07/17/23 10:44

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	
Ethanol	< LOQ			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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Matrix: Hemp Extracts & Concentrates

Source ID:

Date Sampled: 07/14/23

Date Accepted: 07/14/23

Harvest/Prod. Date: 07.14.2023

Metals by ICPMS

Date/Time Extracted: 07/14/23 16:31

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.

Quality Control Potency

Batch: 2328096 - 215-Concentrates

Blank(2328096-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		07/14/23 16:22	07/15/23 18:24	
delta 9-THC	< LOQ	0.0005	%		07/14/23 16:22	07/15/23 18:24	
delta 8-THC	< LOQ	0.0934	%		07/14/23 16:22	07/15/23 18:24	
THCV	< LOQ	0.1052	%		07/14/23 16:22	07/15/23 18:24	
THCVA	< LOQ	0.0392	%		07/14/23 16:22	07/15/23 18:24	
CBD	< LOQ	0.0005	%		07/14/23 16:22	07/15/23 18:24	
CBDA	< LOQ	0.0005	%		07/14/23 16:22	07/15/23 18:24	
CBDV	< LOQ	0.1040	%		07/14/23 16:22	07/15/23 18:24	
CBDVA	< LOQ	0.0341	%		07/14/23 16:22	07/15/23 18:24	
CBN	< LOQ	0.0622	%		07/14/23 16:22	07/15/23 18:24	
CBG	< LOQ	0.0164	%		07/14/23 16:22	07/15/23 18:24	
CBGA	< LOQ	0.0164	%		07/14/23 16:22	07/15/23 18:24	
CBC	< LOQ	0.0186	%		07/14/23 16:22	07/15/23 18:24	

Reference(2328096-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	106	0.00025	%	90-110	07/14/23 16:22	07/15/23 18:48	
delta 9-THC	106	0.00025	%	90-110	07/14/23 16:22	07/15/23 18:48	
delta 8-THC	93.5	0.0460	%	90-110	07/14/23 16:22	07/15/23 18:48	
CBD	108	0.00025	%	90-110	07/14/23 16:22	07/15/23 18:48	
CBDA	91.0	0.00025	%	90-110	07/14/23 16:22	07/15/23 18:48	

Pesticide Analysis

Batch: 2328098 - 202

Blank(2328098-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Acephate	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Acequinocyl	< LOQ	0.5	ppm		07/14/23 16:45	07/16/23 01:04	
Acetamiprid	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Aldicarb	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Azoxystrobin	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Bifenazate	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Bifenthrin	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Boscalid	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Carbaryl	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Carbofuran	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Chlorantraniliprole	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Chlorfenapyr	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	

Quality Control Pesticide Analysis (Continued)

Batch: 2328098 - 202 (Continued)

Blank(2328098-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Clofentezine	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Daminozide	< LOQ	0.5	ppm		07/14/23 16:45	07/16/23 01:04	
Cyfluthrin	< LOQ	0.5	ppm		07/14/23 16:45	07/16/23 04:33	
Diazinon	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Cypermethrin	< LOQ	0.5	ppm		07/14/23 16:45	07/16/23 04:33	
Dimethoate	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Ethoprophos	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Etofenprox	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Etoxazole	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Fenoxycarb	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Fenpyroximate	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Flonicamid	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Hexythiazox	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Imazalil	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Fipronil	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Imidacloprid	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Fludioxonil	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Metalaxyl	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Methiocarb	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Methomyl	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Myclobutanil	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Kresoxim-methyl	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Naled	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Malathion	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Oxamyl	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Permethrins	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Methyl parathion	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
MGK-264	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Phosmet	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Piperonyl butoxide	< LOQ	0.9	ppm		07/14/23 16:45	07/16/23 01:04	
Prallethrin	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Paclobutrazol	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Propoxur	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Pyrethrins	< LOQ	0.5	ppm		07/14/23 16:45	07/16/23 01:04	
Pyridaben	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Propiconazole	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Spinosad	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	

Quality Control Pesticide Analysis (Continued)

Batch: 2328098 - 202 (Continued)

Blank(2328098-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Spirotetramat	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Spiroxamine	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Thiacloprid	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Thiamethoxam	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
Tebuconazole	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 04:33	
Trifloxystrobin	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		07/14/23 16:45	07/16/23 01:04	

LCS(2328098-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	98.8	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Acephate	94.1	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Acequinocyl	114	0.5	ppm	40-160	07/14/23 16:45	07/16/23 01:27	
Acetamiprid	93.0	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Aldicarb	114	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Azoxystrobin	92.1	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Bifenazate	85.2	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Bifenthrin	154	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	BSH
Boscalid	89.2	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Carbaryl	75.6	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Carbofuran	87.7	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Chlorantraniliprole	114	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Chlorfenapyr	111	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Chlorpyrifos	101	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Clofentezine	70.1	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Daminozide	151	0.5	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Cyfluthrin	145	0.5	ppm	50-150	07/14/23 16:45	07/16/23 04:55	
Diazinon	84.9	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Cypermethrin	88.2	0.5	ppm	50-150	07/14/23 16:45	07/16/23 04:55	
Dimethoate	91.2	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Ethoprophos	85.0	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Etofenprox	114	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Etoxazole	96.8	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Fenoxycarb	77.7	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Fenpyroximate	98.7	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Flonicamid	91.0	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Hexythiazox	101	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Imazalil	98.4	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	

Quality Control Pesticide Analysis (Continued)

Batch: 2328098 - 202 (Continued)

LCS(2328098-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	93.3	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Imidacloprid	82.1	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Fludioxonil	81.6	0.1	ppm	50-150	07/14/23 16:45	07/16/23 04:55	
Metalaxyl	89.9	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Methiocarb	69.5	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Methomyl	110	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Myclobutanil	75.9	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Kresoxim-methyl	101	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Naled	97.3	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Malathion	113	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Oxamyl	99.7	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Permethrins	125	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Methyl parathion	94.1	0.1	ppm	50-150	07/14/23 16:45	07/16/23 04:55	
MGK-264	93.2	0.1	ppm	50-150	07/14/23 16:45	07/16/23 04:55	
Phosmet	54.5	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Piperonyl butoxide	245	0.9	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Prallethrin	101	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Paclobutrazol	95.9	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Propoxur	83.6	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Pyrethrins	93.8	0.5	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Pyridaben	104	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Propiconazole	92.4	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Spinosad	114	0.1	ppm	50-150	07/14/23 16:45	07/16/23 01:27	
Spiromesifen	89.1	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Spirotetramat	56.3	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Spiroxamine	85.3	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Thiacloprid	93.6	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Thiamethoxam	91.9	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
Tebuconazole	91.3	0.1	ppm	60-120	07/14/23 16:45	07/16/23 04:55	
Trifloxystrobin	89.6	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	
DDVP (Dichlorvos)	80.0	0.1	ppm	60-120	07/14/23 16:45	07/16/23 01:27	

Solvent Analysis

Batch: 2329004 - 205

Blank(2329004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Acetonitrile	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	

Quality Control Solvent Analysis (Continued)

Batch: 2329004 - 205 (Continued)

Blank(2329004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		07/17/23 10:44	07/18/23 09:15	
Butanes	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
2-Butanol	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Cumene	< LOQ	35.00	ppm		07/17/23 10:44	07/18/23 09:15	
Cyclohexane	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
Dichloromethane	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
1,4-Dioxane	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
Ethanol	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
2-Ethoxyethanol	< LOQ	80.00	ppm		07/17/23 10:44	07/18/23 09:15	
Ethyl acetate	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Ethyl benzene	< LOQ	35.00	ppm		07/17/23 10:44	07/18/23 09:15	
Ethylene glycol	< LOQ	310.0	ppm		07/17/23 10:44	07/18/23 09:15	
Ethylene oxide	< LOQ	25.00	ppm		07/17/23 10:44	07/18/23 09:15	
Ethyl ether	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Heptane	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Hexanes	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
Isopropyl acetate	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Methanol	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Pentanes	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Propane	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
2-Propanol (IPA)	< LOQ	1000	ppm		07/17/23 10:44	07/18/23 09:15	
Tetrahydrofuran	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
Toluene	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	
Xylenes	< LOQ	50.00	ppm		07/17/23 10:44	07/18/23 09:15	

LCS(2329004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	82.9	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Acetonitrile	91.6	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Benzene	78.8	1.000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Butanes	87.1	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
2-Butanol	84.6	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Cumene	73.0	35.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Cyclohexane	82.2	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Dichloromethane	90.4	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
1,4-Dioxane	77.4	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
2-Ethoxyethanol	87.6	80.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Ethyl acetate	82.3	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Ethyl benzene	76.9	35.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	



Quality Control Solvent Analysis (Continued)

Batch: 2329004 - 205 (Continued)

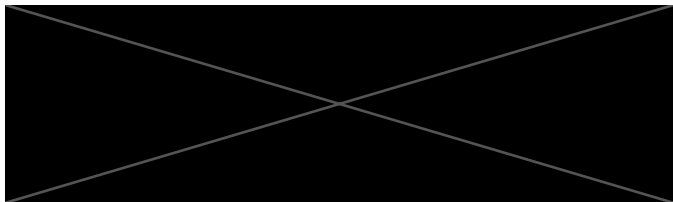
LCS(2329004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	94.8	310.0	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Ethylene oxide	82.4	25.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Ethyl ether	87.1	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Heptane	97.4	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Hexanes	89.3	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Isopropyl acetate	81.8	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Methanol	60.0	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	BSL
Pentanes	98.4	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Propane	98.9	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
2-Propanol (IPA)	84.4	1000	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Tetrahydrofuran	93.9	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	
Toluene	79.3	50.00	ppm	60-120	07/17/23 10:44	07/17/23 13:59	

Metals

Batch: 2328097 - 217

Blank(2328097-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		07/14/23 16:31	07/15/23 15:34	
Lead	< LOQ	0.08	ug/g		07/14/23 16:31	07/15/23 15:34	
Arsenic	< LOQ	0.08	ug/g		07/14/23 16:31	07/15/23 15:34	
Mercury	< LOQ	0.04	ug/g		07/14/23 16:31	07/15/23 15:34	

LCS(2328097-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	98.7	0.08	ug/g	80-115	07/14/23 16:31	07/15/23 15:36	
Lead	102	0.08	ug/g	80-115	07/14/23 16:31	07/15/23 15:36	
Arsenic	97.3	0.08	ug/g	80-115	07/14/23 16:31	07/15/23 15:36	
Mercury	95.2	0.04	ug/g	80-115	07/14/23 16:31	07/15/23 15:36	

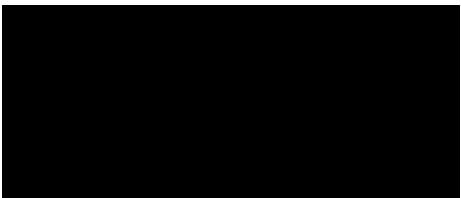


Notes and Definitions

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. 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
C	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
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





Report Date:	07/19/2023
Purchase Order:	
Received:	07/14/23 14:21

Summary

Microbiology:
Less than LOQ for all analytes.

Report Date: 07/19/2023

Purchase Order:

Received: 07/14/23 14:21

Product identity: CBD Iso I01WG141

Client/Metric ID:

Sample Date:

Evidence of Cooling: No

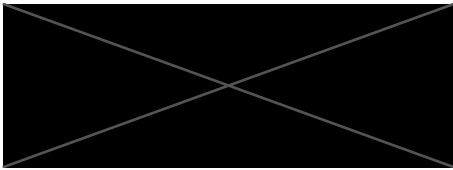
Temp: 30.3 °C

Relinquished by: Client

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
E.coli	< LOQ		cfu/g	10	2309120	07/17/23 AOAC 991.14 (Petrifilm) ^p		
Total Coliforms	< LOQ		cfu/g	10	2309120	07/17/23 AOAC 991.14 (Petrifilm) ^p		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2309121	07/17/23 AOAC 2014.05 (RAPID) ^p		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2309121	07/17/23 AOAC 2014.05 (RAPID) ^p		



Report Date:	07/19/2023
Purchase Order:	
Received:	07/14/23 14:21

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

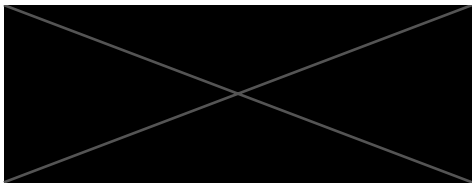
^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

cfu/g = Colony forming units per gram
% wt = µg/g divided by 10,000

Approved Signatory





Report Date: 07/19/2023

Purchase Order:

Received: 07/14/23 14:21

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.