Green Leaf Lab®
12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Quality Control Testing
Official Report

D8A-F-112422

Sample ID: G2K0408-02 **Matrix:** Hemp Extracts &
Test ID: 5020142
Source ID:
Date Sampled: 11/28/22 **Date Accepted:** 11/28/22

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 92.58 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

ISO 17025 ACCREDITED LABORATORY

Eric Wendt
Chief Science Officer - 12/6/2022

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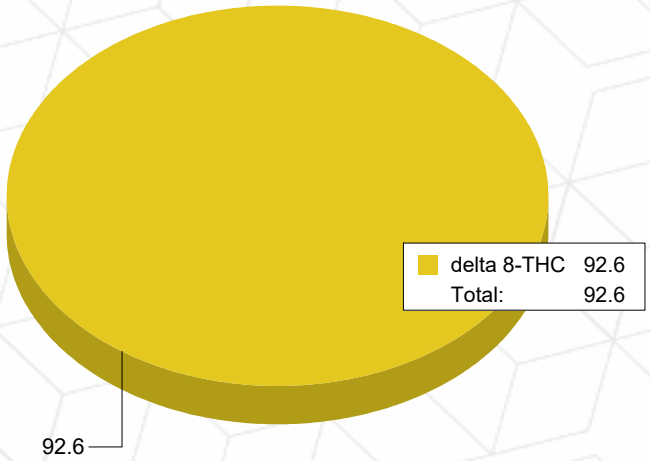
Sample ID: G2K0408-02 **Matrix:** Hemp Extracts &
Test ID: 5020142
Source ID:
Date Sampled: 11/28/22 **Date Accepted:** 11/28/22

Potency Analysis

Date/Time Extracted: 11/30/22 12:30 **Analysis Method/SOP: 215** **Batch Identification: 2249036**

Cannabinoids	LOQ (%)	% by Wt.	mg/g
Total THC	0.1577	< LOQ	< LOQ
Total CBD	0.0431	< LOQ	< LOQ
THCA	0.0005	< LOQ	< LOQ
delta 9-THC	0.0005	< LOQ	< LOQ
delta 8-THC	0.0934	92.58	925.8
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		92.58	925.8

Cannabinoids Profile



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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Sample ID: G2K0408-02 **Matrix:** Hemp Extracts &
Test ID: 5020142
Source ID:
Date Sampled: 11/28/22 **Date Accepted:** 11/28/22

Pesticide Analysis in ppm

Date/Time Extracted: 11/30/22 08:50
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	
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: 5020142
Source ID:
Date Sampled: 11/28/22 **Date Accepted:** 11/28/22

Residual Solvents

Date/Time Extracted: 11/29/22 15:56 **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: 2249036 - 215-Concentrates

Blank(2249036-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0002	%		11/30/22 12:30	12/01/22 09:39	
delta 9-THC	< LOQ	0.0002	%		11/30/22 12:30	12/01/22 09:39	
delta 8-THC	< LOQ	0.0451	%		11/30/22 12:30	12/01/22 09:39	
THCV	< LOQ	0.0508	%		11/30/22 12:30	12/01/22 09:39	
THCVA	< LOQ	0.0189	%		11/30/22 12:30	12/01/22 09:39	
CBD	< LOQ	0.0002	%		11/30/22 12:30	12/01/22 09:39	
CBDA	< LOQ	0.0002	%		11/30/22 12:30	12/01/22 09:39	
CBDV	< LOQ	0.0503	%		11/30/22 12:30	12/01/22 09:39	
CBDVA	< LOQ	0.0165	%		11/30/22 12:30	12/01/22 09:39	
CBN	< LOQ	0.0301	%		11/30/22 12:30	12/01/22 09:39	
CBG	< LOQ	0.0079	%		11/30/22 12:30	12/01/22 09:39	
CBGA	< LOQ	0.0079	%		11/30/22 12:30	12/01/22 09:39	
CBC	< LOQ	0.0090	%		11/30/22 12:30	12/01/22 09:39	

Reference(2249036-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	109	0.0003	%	90-110	11/30/22 12:30	12/01/22 10:01	
delta 9-THC	95.4	0.0003	%	90-110	11/30/22 12:30	12/01/22 10:01	
delta 8-THC	102	0.0502	%	90-110	11/30/22 12:30	12/01/22 10:01	
CBD	103	0.0003	%	90-110	11/30/22 12:30	12/01/22 10:01	
CBDA	104	0.0003	%	90-110	11/30/22 12:30	12/01/22 10:01	

Pesticide Analysis

Batch: 2249026 - 202

Blank(2249026-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Acephate	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Acequinocyl	< LOQ	0.5	ppm		11/30/22 08:50	11/30/22 14:41	
Acetamiprid	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Aldicarb	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Azoxystrobin	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Bifenazate	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Bifenthrin	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Boscalid	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Carbaryl	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Carbofuran	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Chlorantraniliprole	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Chlorfenapyr	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2249026 - 202 (Continued)

Blank(2249026-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Clofentezine	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Daminozide	< LOQ	0.5	ppm		11/30/22 08:50	11/30/22 14:41	
Cyfluthrin	< LOQ	0.5	ppm		11/30/22 08:50	11/30/22 21:09	
Diazinon	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Cypermethrin	< LOQ	0.5	ppm		11/30/22 08:50	11/30/22 21:09	
Dimethoate	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Ethoprophos	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Etofenprox	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Etoxazole	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Fenoxycarb	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Fenpyroximate	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Flonicamid	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Hexythiazox	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Imazalil	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Fipronil	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Imidacloprid	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Fludioxonil	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Metalaxyl	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Methiocarb	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Methomyl	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Myclobutanil	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Kresoxim-methyl	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Naled	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Malathion	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Oxamyl	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Paclobutrazol	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Permethrins	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Methyl parathion	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
MGK-264	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Phosmet	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Piperonyl butoxide	< LOQ	0.9	ppm		11/30/22 08:50	11/30/22 14:41	
Prallethrin	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Propoxur	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Pyrethrins	< LOQ	0.5	ppm		11/30/22 08:50	11/30/22 14:41	
Pyridaben	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Propiconazole	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 21:09	
Spinosad	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2249026 - 202 (Continued)

Blank(2249026-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Spirotetramat	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Spiroxamine	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Tebuconazole	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Thiacloprid	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Thiamethoxam	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
Trifloxystrobin	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		11/30/22 08:50	11/30/22 14:41	

LCS(2249026-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	102	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Acephate	113	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Acequinocyl	112	0.5	ppm	40-160	11/30/22 08:50	11/30/22 15:04	
Acetamiprid	117	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Aldicarb	118	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Azoxystrobin	117	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Bifenazate	121	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	BSH
Bifenthrin	115	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Boscalid	97.9	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Carbaryl	118	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Carbofuran	116	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Chlorantraniliprole	101	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Chlorfenapyr	111	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Chlorpyrifos	121	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	BSH
Clofentezine	100	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Daminozide	96.3	0.5	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Cyfluthrin	126	0.5	ppm	50-150	11/30/22 08:50	11/30/22 21:31	
Diazinon	119	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Cypermethrin	84.6	0.5	ppm	50-150	11/30/22 08:50	11/30/22 21:31	
Dimethoate	118	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Ethoprophos	118	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Etofenprox	110	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Etoxazole	112	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Fenoxycarb	110	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Fenpyroximate	113	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Flonicamid	120	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Hexythiazox	111	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Imazalil	115	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2249026 - 202 (Continued)

LCS(2249026-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	120	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Imidacloprid	109	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Fludioxonil	115	0.1	ppm	50-150	11/30/22 08:50	11/30/22 21:31	
Metalaxyl	115	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Methiocarb	124	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	BSH
Methomyl	119	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Myclobutanil	114	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Kresoxim-methyl	115	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Naled	123	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Malathion	107	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Oxamyl	119	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Paclobutrazol	101	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Permethrins	108	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Methyl parathion	97.2	0.1	ppm	50-150	11/30/22 08:50	11/30/22 21:31	
MGK-264	123	0.1	ppm	50-150	11/30/22 08:50	11/30/22 21:31	
Phosmet	118	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Piperonyl butoxide	115	0.9	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Prallethrin	126	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	BSH
Propoxur	119	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Pyrethrins	104	0.5	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Pyridaben	126	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Propiconazole	99.1	0.1	ppm	60-120	11/30/22 08:50	11/30/22 21:31	
Spinosad	113	0.1	ppm	50-150	11/30/22 08:50	11/30/22 15:04	
Spiromesifen	113	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Spirotetramat	116	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Spiroxamine	113	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Tebuconazole	110	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Thiacloprid	118	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Thiamethoxam	119	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
Trifloxystrobin	116	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	
DDVP (Dichlorvos)	131	0.1	ppm	60-120	11/30/22 08:50	11/30/22 15:04	BSH

Solvent Analysis

Batch: 2249025 - 205

Blank(2249025-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Acetonitrile	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	

ISO 17025 ACCREDITED LABORATORY

Eric Wendt
Chief Science Officer - 12/6/2022

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Quality Control

Solvent Analysis (Continued)

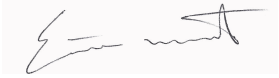
Batch: 2249025 - 205 (Continued)

Blank(2249025-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		11/29/22 15:56	11/30/22 08:46	
Butanes	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
2-Butanol	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Cumene	< LOQ	35.00	ppm		11/29/22 15:56	11/30/22 08:46	
Cyclohexane	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
Dichloromethane	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
1,4-Dioxane	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
2-Ethoxyethanol	< LOQ	80.00	ppm		11/29/22 15:56	11/30/22 08:46	
Ethyl acetate	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Ethyl benzene	< LOQ	35.00	ppm		11/29/22 15:56	11/30/22 08:46	
Ethylene glycol	< LOQ	310.0	ppm		11/29/22 15:56	11/30/22 08:46	
Ethylene oxide	< LOQ	25.00	ppm		11/29/22 15:56	11/30/22 08:46	
Ethyl ether	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Heptane	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Hexanes	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
Isopropyl acetate	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Methanol	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Pentanes	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Propane	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
2-Propanol (IPA)	< LOQ	1000	ppm		11/29/22 15:56	11/30/22 08:46	
Tetrahydrofuran	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
Toluene	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	
Xylenes	< LOQ	50.00	ppm		11/29/22 15:56	11/30/22 08:46	

LCS(2249025-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	80.8	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Acetonitrile	97.4	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Benzene	72.4	1.000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Butanes	88.8	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
2-Butanol	91.6	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Cumene	72.3	35.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Cyclohexane	68.1	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Dichloromethane	90.7	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
1,4-Dioxane	71.6	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
2-Ethoxyethanol	107	80.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Ethyl acetate	80.0	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Ethyl benzene	73.5	35.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Ethylene glycol	87.7	310.0	ppm	60-120	11/29/22 15:56	11/29/22 17:55	



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Chief Science Officer - 12/6/2022

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Quality Control

Solvent Analysis (Continued)

Batch: 2249025 - 205 (Continued)

LCS(2249025-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	89.3	25.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Ethyl ether	78.8	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Heptane	92.7	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Hexanes	60.9	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Isopropyl acetate	80.0	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Methanol	102	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Pentanes	82.8	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Propane	84.9	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
2-Propanol (IPA)	91.6	1000	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Tetrahydrofuran	95.9	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	
Toluene	70.7	50.00	ppm	60-120	11/29/22 15:56	11/29/22 17:55	

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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. 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

Eric Wendt
Chief Science Officer - 12/6/2022

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Certificate of Analysis

HHCP Distillate

Sample ID: SA-220811-11154
Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

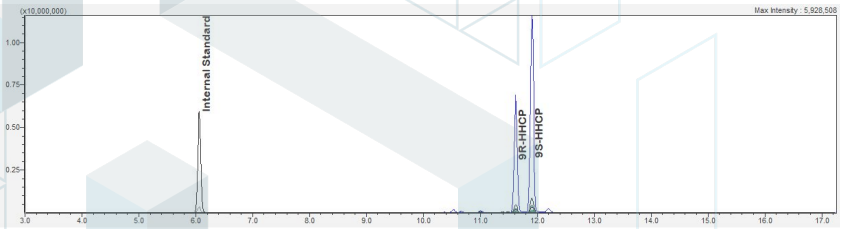
Summary

Test	Date Tested	Status
Cannabinoids	08/22/2022	Tested
Foreign Matter	08/15/2022	Tested
Heavy Metals	08/19/2022	Tested
Microbials	08/19/2022	Tested
Mycotoxins	08/19/2022	Tested
Pesticides	08/19/2022	Tested
Residual Solvents	08/22/2022	Tested

ND	**47.0 %**	**91.7 %**	**Not Tested**	**Not Detected**	**Yes**
Total Δ9-THC	9S-HHCP	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
9R-HHCP	0.0067	0.02	44.7	447
9S-HHCP	0.0067	0.02	47.0	470
Total Δ9-THC			**ND**	**ND**
Total CBD			**ND**	**ND**
Total			**91.7**	**917**



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Scott Caudill
Senior Scientist
Date: 08/22/2022

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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HHCP Distillate

Sample ID: SA-220811-11154
Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Nicholas Howard
Scientist
Date: 08/19/2022

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Certificate of Analysis

HHCP Distillate

Sample ID: SA-220811-11154
Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acequinocyl	30	100	ND	Imazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metalaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Permethrin	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Daminozide	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Jared Burkhart
Technical Manager
Date: 08/19/2022

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HHCP Distillate

Sample ID: SA-220811-11154
Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Jared Burkhart
Technical Manager
Date: 08/19/2022

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HHCP Distillate

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Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count	1	ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Lucy Jones
Senior Laboratory Technician
Date: 08/19/2022

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HHCP Distillate

Sample ID: SA-220811-11154
Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 08/24/2022

Tested By: Scott Caudill
Senior Scientist
Date: 08/22/2022

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HHCP Distillate

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Batch: RF110804
Type: Plant / Raw Materials
Matrix: Concentrate - Distillate
Unit Mass (g):

Received: 08/15/2022
Completed: 08/22/2022

Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Total coliforms	100	Total aerobic count	100000

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Glycol	620
Acetonitrile	410	Ethylene Oxide	1
Benzene	2	Heptane	5000
Butane	5000	n-Hexane	290
1-Butanol	5000	Isobutane	5000
2-Butanol	5000	Isopropyl Acetate	5000
2-Butanone	5000	Isopropyl Alcohol	5000
Chloroform	60	Isopropylbenzene	5000
Cyclohexane	3880	Methanol	3000
1,2-Dichloroethane	5	2-Methylbutane	290
1,2-Dimethoxyethane	100	Methylene Chloride	600
Dimethyl Sulfoxide	5000	2-Methylpentane	290
N,N-Dimethylacetamide	1090	3-Methylpentane	290
2,2-Dimethylbutane	290	n-Pentane	5000
2,3-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acequinocyl	4000	Imazalil	30

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acetamiprid	5000	Imidacloprid	3000
Aldicarb	30	Kresoxim methyl	1000
Azoxystrobin	40000	Malathion	5000
Bifenazate	5000	Metalaxyl	15000
Bifenthrin	500	Methiocarb	30
Boscalid	10000	Methomyl	100
Carbaryl	500	Mevinphos	30
Carbofuran	30	Myclobutanil	9000
Chloranthraniliprole	40000	Naled	500
Chlorfenapyr	30	Oxamyl	200
Chlorpyrifos	30	Paclobutrazol	30
Clofentezine	500	Permethrin	20000
Coumaphos	30	Phosmet	200
Daminozide	30	Piperonyl Butoxide	8000
Diazinon	200	Prallethrin	400
Dichlorvos	30	Propiconazole	20000
Dimethoate	30	Propoxur	30
Dimethomorph	20000	Pyrethrins	1000
Ethoprophos	30	Pyridaben	3000
Etofenprox	30	Spinetoram	3000
Etoxazole	1500	Spinosad	3000
Fenhexamid	10000	Spiromesifen	12000
Fenoxycarb	30	Spirotetramat	13000
Fenpyroximate	2000	Spiroxamine	30
Fipronil	30	Tebuconazole	2000
Flonicamid	2000	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	5	B2	5
G1	5	G2	5

Gobi Hemp - Certificate of Analysis

Manifest: 2212300001
Sample ID: 1A-GHEMP-2212300001-0001
Sample Name: THCp - 1229
Sample Type: Concentrate

Test Performed: Potency
Report No: P-2212300001-V1
Receive Date: 2022-12-30
Test Date: 2022-12-30
Report Date: 2023-01-03
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	ND	ND
Total THC:CBD Ratio	NA	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	percent	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ9 THCV	ND	ND
Δ9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ9 THC	ND	ND
Δ8 THC	ND	ND
Δ10-S THC	ND	ND
CBL	ND	ND
Δ10-R THC	ND	ND
CBC	ND	ND
Δ9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: Δ9-THCP = 99.40%

Jon Person Client Relations Manager

2023-01-03
Date

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PJLA Testing
Accreditation #103051

Gobi Hemp - Certificate of Analysis

Manifest: 2212300001
Sample ID: 1A-GHEMP-2212300001-0002
Sample Name: THCb - 1229
Sample Type: Concentrate

Test Performed: Potency
Report No: P-2212300001-V1
Receive Date: 2022-12-30
Test Date: 2022-12-30
Report Date: 2023-01-03
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	ND	ND
Total THC:CBD Ratio	NA	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	percent	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ9 THCV	ND	ND
Δ9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ9 THC	ND	ND
Δ8 THC	ND	ND
Δ10-S THC	ND	ND
CBL	ND	ND
Δ10-R THC	ND	ND
CBC	ND	ND
Δ9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: Δ9-THCB = 93.18%

Jon Person Client Relations Manager

2023-01-03
Date

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PJLA Testing
Accreditation #103051

Gobi Hemp - Certificate of Analysis

Manifest: 2212160008
Sample ID: 1A-GHEMP-2212160008-0001
Sample Name: THCo
Sample Type: Concentrate

Test Performed: Potency
Report No: P-2212160008-V1
Receive Date: 2022-12-16
Test Date: 2022-12-16
Report Date: 2022-12-19
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	percent	mg/g
Total THC	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total Cannabinoids	1.45	14.45
Total THC:CBD Ratio	NA	

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877) Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	percent	mg/g
CBDVA	ND	ND
CBDV	ND	ND
CBDA	ND	ND
CBGA	ND	ND
CBG	ND	ND
CBD	ND	ND
Δ9 THCV	ND	ND
Δ9 THCVA	ND	ND
CBN	ND	ND
CBNA	ND	ND
EXO-THC	ND	ND
Δ9 THC	ND	ND
Δ8 THC	ND	ND
Δ10-S THC	ND	ND
CBL	ND	ND
Δ10-R THC	ND	ND
CBC	ND	ND
Δ9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	1.45	14.45

ND - not detected; T - trace; ULOQ - upper limit of quantitation

Lab Comments: Total THC-O = 81.29%

Dave Wells Laboratory Manager

2022-12-19
Date

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Gobi Hemp

Analytical Report - Certificate of Analysis

Manifest:	2212160008	**Test Performed:**	Hemp Lab
Sample Id:	1A-GHEMP-2212160008-0001	**Report No:**	R-2212160008-V1
Sample Name:	THCo	**Receive Date:**	2022-12-16
Sample Type:	Concentrate	**Test Date:**	2022-12-19
		Report Date:	2022-12-20
		Sample Condition:	Good
		Method Reference:	GH-OP-08

Scope

The content of fifteen residual solvents was determined by an in-house developed method for Headspace-Gas Chromatography with Flame Ionization Detection.

Solvents	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Propane	135	372	ND
Iso-Butane	82	490	ND
N-Butane	107	490	ND
Methanol	38	120	ND
Pentane	73	100	ND
Ethanol	50	200	ND
Acetone	82	200	ND
IPA	40	200	ND
Hexane	25	50	ND
Ethyl Acetate	57	200	ND
Benzene	0.65	1	ND
Heptane	137	200	ND
Toluene	75	100	ND
Xylenes	112	200	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

2022-12-20

Kristen Kenworthy, Laboratory Operations Manager — Date

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Gobi Hemp

Analytical Report - Certificate of Analysis

Manifest:	2212160008	**Test Performed:**	Hemp Lab
Sample Id:	1A-GHEMP-2212160008-0001	**Intended Use:**	Inhaled or Audited Product
Sample Name:	THCo	**Report No:**	MT-2212160008-V1
Sample Type:	Concentrate	**Receive Date:**	2022-12-16
		Test Date:	2022-12-17
		Report Date:	2022-12-22
		Sample Condition:	Good
		Method Reference:	GH-OP-17

Scope

Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

Metals	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.010	ND
Lead	0.003	0.010	ND
Mercury	0.0009	0.003	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

2022-12-22

Kristen Kenworthy, Laboratory Operations Manager — Date

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