

### 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



Eric Wendt Chief Science Officer - 12/6/2022



## Quality Control Testing Official Report

### D8A-F-112422

Sample ID: G2K0408-02 Test ID: 5020142 Source ID:

Date Sampled: 11/28/22

Matrix: Hemp Extracts &

Date Accepted: 11/28/22

Date/Time Extra	cted: 11/30	/22 12:30	V	Analysis Method/SOP: 215 Batch Identification: 2249036
Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
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	delta 8-THC 92 Total: 92
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	92.6
CBC	0.0186	< LOQ	< LOQ	
Total Canna	abinoids	92.58	925.8	

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.



Eric Wendt Chief Science O

Chief Science Officer - 12/6/2022



## Quality Control Testing Official Report

### D8A-F-112422

Sample ID: G2K0408-02 Test ID: 5020142 Source ID:

Date Sampled: 11/28/22

Matrix: Hemp Extracts &

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	1	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	-17		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.



Eric Wendt Chief Science Officer - 12/6/2022



## Quality Control Testing Official Report

D8A-F-112422

Sample ID: G2K0408-02 Test ID: 5020142 Source ID:

Date Sampled: 11/28/22

Matrix: Hemp Extracts &

Date Accepted: 11/28/22

### **Residual Solvents**

Date/Time Extracted: 11/29/22 15:56

### Analysis Method/SOP: 205

V		1							V F	VI EN	
Analyte	Result	Action Level	LOD	LOQ	Units	Notes					
1,4-Dioxane	< LOQ	380	6	50.00	ppm	1	1	IMI	TYN	TYNY	I Y N V
2-Butanol	< LOQ	5000		1000	ppm						
2-Ethoxyethanol	< LOQ	160	8	80.00	ppm						
2-Propanol (IPA)	< LOQ	5000		1000	ppm						
Acetone	< LOQ	5000		1000	ppm						
Acetonitrile	< LOQ	410	E	50.00	ppm						
Benzene	< LOQ	2	1	1.000	ppm						
Butanes	< LOQ	5000	1	1000	ppm						
Cumene	< LOQ	70	3	35.00	ppm						
Cyclohexane	< LOQ	3880	5	50.00	ppm						
Dichloromethane	< LOQ	600	Ð	50.00	ppm						
Ethyl acetate	< LOQ	5000		1000	ppm						
Ethyl benzene	< LOQ	2170	3	35.00	ppm						
Ethyl ether	< LOQ	5000	-X-	1000	ppm						
Ethylene glycol	< LOQ	620	3	310.0	ppm						
Ethylene oxide	< LOQ	50	2	25.00	ppm						
Heptane	< LOQ	5000		1000	ppm						
Hexanes	< LOQ	290	5	50.00	ppm						
Isopropyl acetate	< LOQ	5000	TI.	1000	ppm						
Methanol	< LOQ	3000	/·	1000	ppm						
Pentanes	< LOQ	5000		1000	ppm						
Propane	< LOQ	5000		1000	ppm						
Tetrahydrofuran	< LOQ	720	ŧ	50.00	ppm						
Toluene	< LOQ	890	5	50.00	ppm						
Xylenes	< LOQ	2170	5	50.00	ppm						

<LOQ - Results below the Limit of Quantitation

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



Eric Wendt Chief Science Officer - 12/6/2022

Page 4 of 11



# **Quality Control** Potency

#### Batch: 2249036 - 215-Concentrates

Blank(2249036-B	5LK1)						
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-BL	_K1)						
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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Page 5 of 11

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# **Quality Control**

# Pesticide Analysis (Continued)

#### Batch: 2249026 - 202 (Continued)

Blank(2249026-BLK	(1)						
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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Page 6 of 11

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# **Quality Control**

# **Pesticide Analysis (Continued)**

#### Batch: 2249026 - 202 (Continued)

Blank(2249026-B	LK1)						
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-BS	1)						
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	
mazum	110	0.1	Phil	00-120	11/00/22 00.00	11/00/22 10.04	



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Chief Science Officer - 12/6/2022

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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(2249	025-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	
AL WANAGEMEN SI	f=	Eric Wer Chief Sc		er - 12/6/2022		Ρ	age 8 of 11



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# Quality Control Solvent Analysis (Continued)

#### Batch: 2249025 - 205 (Continued)

Blank(2249025-B	LK1)						
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-BS	1)						
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	
Early benzene							



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Page 9 of 11

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# Quality Control Solvent Analysis (Continued)

#### Batch: 2249025 - 205 (Continued)

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LCS(2249025-BS	61)						
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	





Eric Wendt Chief Science Officer - 12/6/2022



# **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

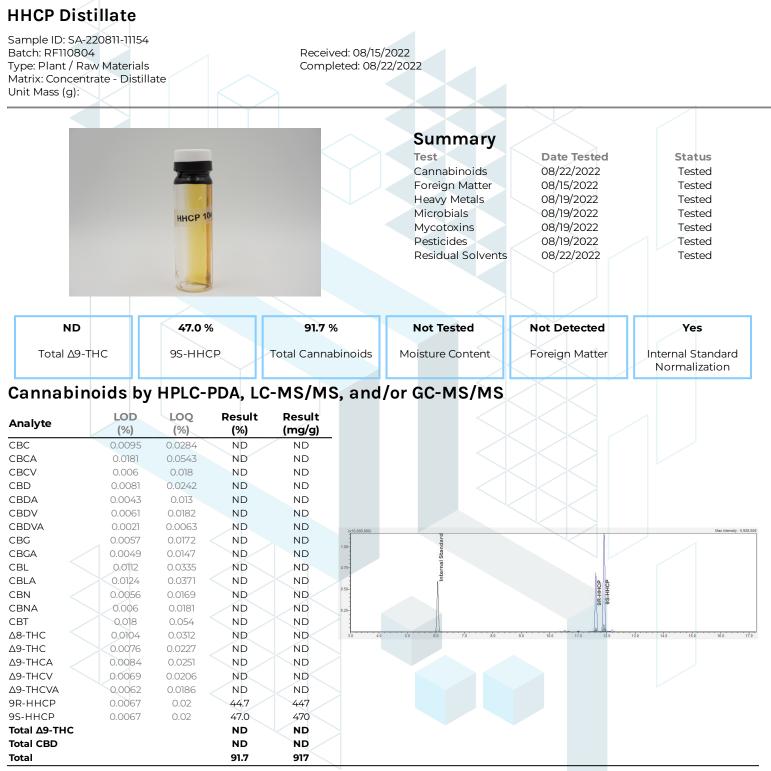




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1 of 7



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-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





**HHCP** Distillate

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

# Sample ID: SA-220811-11154 Batch: RF110804 Type: Plant / Raw Materials Matrix: Concentrate - Distillate Unit Mass (g): Heavy Metals by ICP-MS Analyte LOD (ppb) LOQ (ppb) Result (ppb)

Arsenic220NDCadmium120NDLead220NDMercury1250ND

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



3 of 7

### **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

		Ϋ́					
Analyte	LOD (ppb)	LOQ	Result	Analyte	LOD (ppb)	LOQ (ppb)	Result
Acephate	<b>(ppb)</b> 30	(ppb) 100	(ppb) ND	Hexythiazox	(ppb) 30	( <b>PPD</b> ) 100	(ppb) 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
	<			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

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



**HHCP** Distillate

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

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

multin

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



## **HHCP Distillate**

Sample ID: SA-220811-11154 Batch: RF110804 Type: Plant / Raw Materials Matrix: Concentrate - Distillate Unit Mass (g):	Received: 08/15/ Completed: 08/2	
Microbials by PCR and Plat		
Analyte		Result (CFU/a)
Analyte Total aerobic count	LOD (CFU/g)	Result (CFU/g)
	LOD (CF0/9)	
Total aerobic count	1 1 1	ND
Total aerobic count Total coliforms	1 1 1 1	ND 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



6 of 7

### **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	LOQ	Result	Analyte	LOD	LOQ	Result
Acetone	<b>(ppm)</b> 167	(ppm) 500	(ppm) ND	Ethylopo Clycol	(ppm) 21	( <b>ppm</b> ) 62	(ppm) ND
				Ethylene Glycol		62	
Acetonitrile	14	41	ND	Ethylene Oxide	0.5		ND
Benzene	0.5		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



7 of 7

### **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

# **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 co	ount 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 DO	x		
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
GI	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	D N	A
otal CBD = CBD + (CBDA x C	0.877); Total CBG = (	CBG + (CBGA x
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
	ND	
Δ10-R THC		ND
CBC	ND	ND
Δ9 THCA	ND	ND
CBCA	ND	ND
CBLA	ND	ND
CBT	ND LOQ - upper limit of o	ND

ND not detected; I - trace; ULOQ - upper limit of quantita

Lab Comments:  $\Delta 9$ -THCP = 99.40%

Jon Person Client Relations Manager



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PJL/ resting Accreditation #103051

2023-01-03

Date

