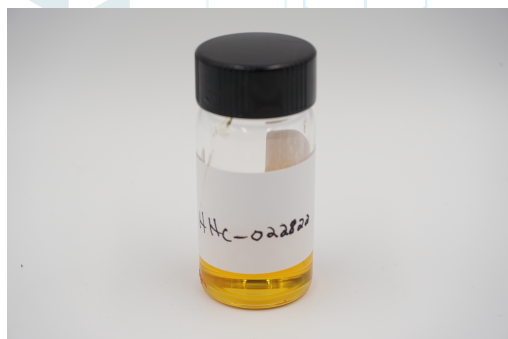


**HHC-022822**

 Sample ID: SA-220228-7522  
 Batch:  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate

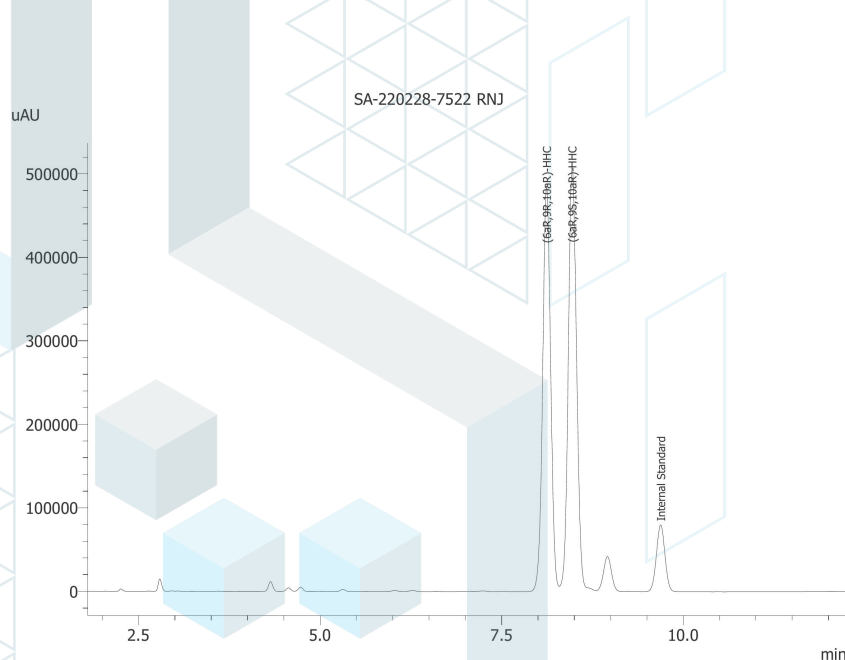
 Received: 02/28/2022  
 Completed: 03/09/2022

**Summary**

Test	Date Tested	Status
Cannabinoids	03/04/2022	Tested
Heavy Metals	03/04/2022	Tested
Pesticides	03/09/2022	Tested

<b>ND</b> Total Δ9-THC	<b>53.4 %</b> (6aR,9S,10aR)-HHC	<b>99.4 %</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
---------------------------	------------------------------------	-------------------------------------	---------------------------------------	-------------------------------------	---

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
(6aR,9R,10aR)-HHC	0.1	0.3	45.9	459
(6aR,9S,10aR)-HHC	0.1	0.3	53.4	534
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
CBE	0.0095	0.0284	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	0.0679	0.679
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	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
<b>Total Δ9-THC</b>			<b>ND</b>	<b>ND</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total</b>			<b>99.4</b>	<b>994</b>



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: 03/09/2022



 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 03/04/2022

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


**HHC-022822**

 Sample ID: SA-220228-7522  
 Batch:  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate

 Received: 02/28/2022  
 Completed: 03/09/2022

**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: 03/09/2022



 Tested By: Nicholas Howard  
 Scientist  
 Date: 03/04/2022


**HHC-022822**

 Sample ID: SA-220228-7522  
 Batch:  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate

 Received: 02/28/2022  
 Completed: 03/09/2022

**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
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	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	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etofenprox	30	100	ND	Spinosad	30	100	ND
Etoxazole	30	100	ND	Spiromesifen	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	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: 03/09/2022



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/09/2022


**HHC-022822**

 Sample ID: SA-220228-7522  
 Batch:  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate

 Received: 02/28/2022  
 Completed: 03/09/2022

**Reporting Limit Appendix**
**Heavy Metals - Colorado CDPHE**

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

**Pesticides - CA DCC**

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





### D8A-F-061022

Sample ID: G2F0184-02

Matrix: Hemp Extracts &

Test ID: 5010763

Source ID:

Date Sampled: 06/13/22

Date Accepted: 06/13/22

Harvest/Prod. Date: 06.10.2022

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 97.57 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

METALS : PASS



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Eric Wendt  
Chief Science Officer - 6/29/2022



### D8A-F-061022

Sample ID: G2F0184-02

Matrix: Hemp Extracts &

Test ID: 5010763

Source ID:

Date Sampled: 06/13/22

Date Accepted: 06/13/22

Harvest/Prod. Date: 06.10.2022

### Potency Analysis

Date/Time Extracted: 06/14/22 09:48

Analysis Method/SOP: 215

Batch Identification: 2225010

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>97.6</p> <p>delta 8-THC 97.6 Total: 97.6</p>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	97.57	975.7	
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	
<b>Total Cannabinoids</b>		97.57	975.7	

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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Eric Wendt  
Chief Science Officer - 6/29/2022

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



### D8A-F-061022

Sample ID: G2F0184-02

Matrix: Hemp Extracts &

Test ID: 5010763

Source ID:

Date Sampled: 06/13/22

Date Accepted: 06/13/22

Harvest/Prod. Date: 06.10.2022

### Pesticide Analysis in ppm

Date/Time Extracted: 06/14/22 09:10

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**.



Eric Wendt  
Chief Science Officer - 6/29/2022



### D8A-F-061022

Sample ID: G2F0184-02

Matrix: Hemp Extracts &

Test ID: 5010763

Source ID:

Date Sampled: 06/13/22

Date Accepted: 06/13/22

Harvest/Prod. Date: 06.10.2022

### Residual Solvents

Date/Time Extracted: 06/15/22 10:21

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**.



Eric Wendt  
Chief Science Officer - 6/29/2022





### D8A-F-061022

Sample ID: G2F0184-02

Matrix: Hemp Extracts &

Test ID: 5010763

Source ID:

Date Sampled: 06/13/22

Date Accepted: 06/13/22

Harvest/Prod. Date: 06.10.2022

### Metals Analysis by ICPMS

Date/Time Extracted: 06/24/22 11:51

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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Chief Science Officer - 6/29/2022



### Quality Control Potency

Batch: 2225010 - 215-Concentrates

Blank(2225010-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		06/14/22 09:48	06/14/22 16:45	
delta 9-THC	< LOQ	0.0005	%		06/14/22 09:48	06/14/22 16:45	
delta 8-THC	< LOQ	0.0934	%		06/14/22 09:48	06/14/22 16:45	
THCV	< LOQ	0.1052	%		06/14/22 09:48	06/14/22 16:45	
THCVA	< LOQ	0.0392	%		06/14/22 09:48	06/14/22 16:45	
CBD	< LOQ	0.0005	%		06/14/22 09:48	06/14/22 16:45	
CBDA	< LOQ	0.0005	%		06/14/22 09:48	06/14/22 16:45	
CBDV	< LOQ	0.1040	%		06/14/22 09:48	06/14/22 16:45	
CBDVA	< LOQ	0.0341	%		06/14/22 09:48	06/14/22 16:45	
CBN	< LOQ	0.0622	%		06/14/22 09:48	06/14/22 16:45	
CBG	< LOQ	0.0164	%		06/14/22 09:48	06/14/22 16:45	
CBGA	< LOQ	0.0164	%		06/14/22 09:48	06/14/22 16:45	
CBC	< LOQ	0.0186	%		06/14/22 09:48	06/14/22 16:45	

Reference(2225010-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	100	0.0001	%	90-110	06/14/22 09:48	06/14/22 17:08	
delta 9-THC	107	0.0001	%	90-110	06/14/22 09:48	06/14/22 17:08	
delta 8-THC	106	0.0231	%	90-110	06/14/22 09:48	06/14/22 17:08	
CBD	96.8	0.0001	%	90-110	06/14/22 09:48	06/14/22 17:08	
CBDA	101	0.0001	%	90-110	06/14/22 09:48	06/14/22 17:08	

### Pesticide Analysis

Batch: 2225009 - 202

Blank(2225009-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Acephate	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Acequinocyl	< LOQ	0.5	ppm		06/14/22 09:10	06/14/22 17:57	
Acetamiprid	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Aldicarb	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Azoxystrobin	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Bifenazate	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Bifenthrin	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Boscalid	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Carbaryl	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Carbofuran	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Chlorantraniliprole	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Chlorfenapyr	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	



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Chief Science Officer - 6/29/2022



### Quality Control Pesticide Analysis (Continued)

Batch: 2225009 - 202 (Continued)

Blank(2225009-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Clofentezine	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Daminozide	< LOQ	0.5	ppm		06/14/22 09:10	06/14/22 17:57	
Cyfluthrin	< LOQ	0.5	ppm		06/14/22 09:10	06/14/22 16:01	
Diazinon	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Cypermethrin	< LOQ	0.5	ppm		06/14/22 09:10	06/14/22 16:01	
Dimethoate	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Ethoprophos	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Etofenprox	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Etoxazole	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Fenoxycarb	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Fenpyroximate	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Fonicamid	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Hexythiazox	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Imazalil	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Fipronil	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Imidacloprid	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Fludioxonil	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Metalaxyl	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Methiocarb	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Methomyl	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Myclobutanil	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Kresoxim-methyl	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Naled	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Malathion	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Oxamyl	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Paclobutrazol	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Permethrins	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Methyl parathion	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
MGK-264	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Phosmet	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Piperonyl butoxide	< LOQ	0.9	ppm		06/14/22 09:10	06/14/22 17:57	
Prallethrin	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Propoxur	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Pyrethrins	< LOQ	0.5	ppm		06/14/22 09:10	06/14/22 17:57	
Pyridaben	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Propiconazole	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 16:01	
Spinosad	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2225009 - 202 (Continued)

Blank(2225009-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Spirotetramat	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Spiroxamine	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Tebuconazole	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Thiacloprid	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Thiamethoxam	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
Trifloxystrobin	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		06/14/22 09:10	06/14/22 17:57	

LCS(2225009-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	111	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Acephate	108	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Acequinocyl	91.5	0.5	ppm	40-160	06/14/22 09:10	06/14/22 18:20	
Acetamiprid	112	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Aldicarb	107	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Azoxystrobin	117	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Bifenazate	104	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Bifenthrin	149	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Boscalid	88.6	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	
Carbaryl	108	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Carbofuran	106	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Chlorantraniliprole	92.8	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Chlorfenapyr	129	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	BSH
Chlorpyrifos	91.3	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Clofentezine	86.4	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	BSL
Daminozide	211	0.5	ppm	60-120	06/14/22 09:10	06/14/22 18:20	BSH
Cyfluthrin	99.2	0.5	ppm	50-150	06/14/22 09:10	06/14/22 16:23	
Diazinon	101	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Cypermethrin	74.5	0.5	ppm	50-150	06/14/22 09:10	06/14/22 16:23	
Dimethoate	108	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Ethoprophos	104	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Etofenprox	110	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Etoxazole	114	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Fenoxycarb	100	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Fenpyroximate	110	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Fonicamid	121	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	BSH
Hexythiazox	88.6	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Imazalil	103	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2225009 - 202 (Continued)

LCS(2225009-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	103	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	
Imidacloprid	113	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Fludioxonil	87.5	0.1	ppm	50-150	06/14/22 09:10	06/14/22 16:23	
Metalaxyl	115	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Methiocarb	108	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Methomyl	111	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Myclobutanil	102	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Kresoxim-methyl	95.2	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	
Naled	107	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Malathion	89.9	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	
Oxamyl	110	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Paclobutrazol	96.8	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Permethrins	137	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Methyl parathion	92.1	0.1	ppm	50-150	06/14/22 09:10	06/14/22 16:23	
MGK-264	91.5	0.1	ppm	50-150	06/14/22 09:10	06/14/22 16:23	
Phosmet	105	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Piperonyl butoxide	146	0.9	ppm	60-120	06/14/22 09:10	06/14/22 18:20	BSH
Prallethrin	107	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Propoxur	109	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Pyrethrins	108	0.5	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Pyridaben	112	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Propiconazole	92.1	0.1	ppm	60-120	06/14/22 09:10	06/14/22 16:23	
Spinosad	123	0.1	ppm	50-150	06/14/22 09:10	06/14/22 18:20	
Spiromesifen	94.7	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Spirotetramat	111	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Spiroxamine	110	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Tebuconazole	90.2	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Thiacloprid	106	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Thiamethoxam	109	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
Trifloxystrobin	118	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	
DDVP (Dichlorvos)	107	0.1	ppm	60-120	06/14/22 09:10	06/14/22 18:20	

### Solvent Analysis

Batch: 2225021 - 205

Blank(2225021-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Acetonitrile	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	



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### Quality Control Solvent Analysis (Continued)

Batch: 2225021 - 205 (Continued)

Blank(2225021-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		06/15/22 10:21	06/16/22 08:46	
Butanes	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
2-Butanol	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Cumene	< LOQ	35.00	ppm		06/15/22 10:21	06/16/22 08:46	
Cyclohexane	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
Dichloromethane	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
1,4-Dioxane	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
2-Ethoxyethanol	< LOQ	80.00	ppm		06/15/22 10:21	06/16/22 08:46	
Ethyl acetate	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Ethyl benzene	< LOQ	35.00	ppm		06/15/22 10:21	06/16/22 08:46	
Ethylene glycol	< LOQ	310.0	ppm		06/15/22 10:21	06/16/22 08:46	
Ethylene oxide	< LOQ	25.00	ppm		06/15/22 10:21	06/16/22 08:46	
Ethyl ether	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Heptane	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Hexanes	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
Isopropyl acetate	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Methanol	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Pentanes	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Propane	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
2-Propanol (IPA)	< LOQ	1000	ppm		06/15/22 10:21	06/16/22 08:46	
Tetrahydrofuran	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
Toluene	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	
Xylenes	< LOQ	50.00	ppm		06/15/22 10:21	06/16/22 08:46	

LCS(2225021-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	105	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Acetonitrile	110	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Benzene	98.1	1.000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Butanes	106	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
2-Butanol	107	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Cumene	101	35.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Cyclohexane	102	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Dichloromethane	108	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
1,4-Dioxane	98.9	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
2-Ethoxyethanol	103	80.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Ethyl acetate	106	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Ethyl benzene	103	35.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Ethylene glycol	95.6	310.0	ppm	60-120	06/15/22 10:21	06/15/22 15:40	



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### Quality Control Solvent Analysis (Continued)

Batch: 2225021 - 205 (Continued)

LCS(2225021-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	106	25.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Ethyl ether	104	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Heptane	112	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Hexanes	103	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Isopropyl acetate	105	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Methanol	108	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Pentanes	103	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Propane	98.9	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
2-Propanol (IPA)	110	1000	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Tetrahydrofuran	111	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	
Toluene	103	50.00	ppm	60-120	06/15/22 10:21	06/15/22 15:40	



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### Quality Control Metals Analysis

#### Batch: 2226062 - Metals

Blank(2226062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.0500	ug/g		06/24/22 11:41	06/25/22 13:18	
Lead	< LOQ	0.0500	ug/g		06/24/22 11:41	06/25/22 13:18	
Arsenic	< LOQ	0.0500	ug/g		06/24/22 11:41	06/25/22 13:18	
Mercury	< LOQ	0.0100	ug/g		06/24/22 11:41	06/25/22 13:18	

LCS(2226062-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	90.2	0.0500	ug/g	70-130	06/24/22 11:41	06/25/22 13:24	
Lead	92.6	0.0500	ug/g	70-130	06/24/22 11:41	06/25/22 13:24	
Arsenic	106	0.0500	ug/g	70-130	06/24/22 11:41	06/25/22 13:24	
Mercury	73.7	0.0100	ug/g	70-130	06/24/22 11:41	06/25/22 13:24	



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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.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.  
Internal Standard concentration outside control limit due to matrix interference



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