



### G3 GREEN APPLE

Sample ID: G3GA031224      Matrix: Hemp Products  
Test ID: 5026635  
Source ID: G3GA031224  
Date Sampled: 03/12/24      Date Accepted: 03/12/24  
Harvest/Prod. Date: 02.16.2024

**JAWCBD Inc.**  
orders@mulecbd.com

### Results at a Glance

Total THC : 0.0656 %

Total CBD : 3.606 %

Pesticides : PASS

Water Activity : 0.67 PASS

Residual Solvent Analysis : PASS

Microbials : PASS

Metals : PASS

Mycotoxins : PASS



Nolan Mundie  
Lab Director - 3/15/2024



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Matrix: Hemp Products

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Source ID: G3GA031224

Date Sampled: 03/12/24

Date Accepted: 03/12/24

Harvest/Prod. Date: 02.16.2024

**JAWCBD Inc.**  
orders@mulecbd.com

### Potency Analysis

Date/Time Extracted: 03/14/24 10:52

Analysis Method/SOP: 215

Batch Identification: 2411054

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0005	0.656		
Total CBD	0.0050	36.06		
THCA	0.0005	< LOQ		
delta 9-THC	0.0005	0.656		
delta 8-THC	0.0960	< LOQ		
THCV	0.0749	< LOQ		
THCVA	0.1121	< LOQ		
CBD	0.0050	36.06		
CBDA	0.0050	< LOQ		
CBDV	0.0771	< LOQ		
CBDVA	0.1059	< LOQ		
CBN	0.0692	< LOQ		
CBG	0.1610	< LOQ		
CBGA	0.1067	< LOQ		
CBC	0.1010	< LOQ		

### Water Activity

Date/Time Extracted: 03/15/24 11:28

Analysis Method/SOP: 102

Water Activity: 0.67 at 24°C

Action Level: 0.85

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



Nolan Mundie  
Lab Director - 3/15/2024

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Date Sampled: 03/12/24 Date Accepted: 03/12/24

Harvest/Prod. Date: 02.16.2024

**JAWCBD Inc.**  
orders@mulecbd.com

### Pesticide Analysis in ppm

Date/Time Extracted: 03/13/24 15:31

Analysis Method/SOP: 203

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.04	ppm		Acephate	< LOQ	0.4		0.04	ppm	
Acequinocyl	< LOQ	2		0.04	ppm		Acetamidrid	< LOQ	0.2		0.04	ppm	
Aldicarb	< LOQ	0.4		0.04	ppm		Azoxystrobin	< LOQ	0.2		0.04	ppm	
Bifenazate	< LOQ	0.2		0.04	ppm		Bifenthrin	< LOQ	0.2		0.04	ppm	
Boscalid	< LOQ	0.4		0.04	ppm		Carbaryl	< LOQ	0.2		0.04	ppm	
Carbofuran	< LOQ	0.2		0.04	ppm		Chlorantraniliprole	< LOQ	0.2		0.04	ppm	
Chlorfenapyr	< LOQ	1		0.12	ppm		Chlorpyrifos	< LOQ	0.2		0.04	ppm	
Clofentezine	< LOQ	0.2		0.04	ppm		Cyfluthrin	< LOQ	1		0.12	ppm	
Cypermethrin	< LOQ	1		0.12	ppm		Daminozide	< LOQ	1		0.04	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.04	ppm		Diazinon	< LOQ	0.2		0.04	ppm	
Dimethoate	< LOQ	0.2		0.04	ppm		Ethoprophos	< LOQ	0.2		0.04	ppm	
Etofenprox	< LOQ	0.4		0.04	ppm		Etoxazole	< LOQ	0.2		0.04	ppm	
Fenoxycarb	< LOQ	0.2		0.04	ppm		Fenpyroximate	< LOQ	0.4		0.04	ppm	
Fipronil	< LOQ	0.4		0.04	ppm		Fonicamid	< LOQ	1		0.04	ppm	
Fludioxonil	< LOQ	0.4		0.04	ppm		Hexythiazox	< LOQ	1		0.04	ppm	
Imazalil	< LOQ	0.2		0.04	ppm		Imidacloprid	< LOQ	0.4		0.04	ppm	
Kresoxim-methyl	< LOQ	0.4		0.04	ppm		Malathion	< LOQ	0.2		0.04	ppm	
Metalaxyl	< LOQ	0.2		0.04	ppm		Methiocarb	< LOQ	0.2		0.04	ppm	
Methomyl	< LOQ	0.4		0.04	ppm		Methyl parathion	< LOQ	0.2		0.04	ppm	
MGK-264	< LOQ	0.2		0.04	ppm		Myclobutanil	< LOQ	0.2		0.04	ppm	
Naled	< LOQ	0.5		0.04	ppm		Oxamyl	< LOQ	1		0.04	ppm	
Paclobutrazol	< LOQ	0.4		0.04	ppm		Permethrins	< LOQ	0.2		0.04	ppm	
Phosmet	< LOQ	0.2		0.04	ppm		Piperonyl butoxide	< LOQ	2		1.00	ppm	
Prallethrin	< LOQ	0.2		0.04	ppm		Propiconazole	< LOQ	0.4		0.04	ppm	
Propoxur	< LOQ	0.2		0.04	ppm		Pyrethrins	< LOQ	1		0.50	ppm	
Pyridaben	< LOQ	0.2		0.04	ppm		Spinosad	< LOQ	0.2		0.04	ppm	
Spiromesifen	< LOQ	0.2		0.04	ppm		Spirotetramat	< LOQ	0.2		0.04	ppm	
Spiroxamine	< LOQ	0.4		0.04	ppm		Tebuconazole	< LOQ	0.4		0.04	ppm	
Thiacloprid	< LOQ	0.2		0.04	ppm		Thiamethoxam	< LOQ	0.2		0.04	ppm	
Trifloxystrobin	< LOQ	0.2		0.04	ppm								

ND - Compound not detected  
Results above the Action Level fail state testing requirements and will be highlighted **Red**.



Nolan Mundie  
Lab Director - 3/15/2024



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Test ID: 5026635

Source ID: G3GA031224

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Harvest/Prod. Date: 02.16.2024

**JAWCBD Inc.**  
orders@mulecbd.com

### Residual Solvents

Date/Time Extracted: 03/14/24 10:13

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**.



**ISO 17025**  
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LABORATORY

Nolan Mundie  
Lab Director - 3/15/2024

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### Mycotoxins by LCMSMS

Date/Time Extracted: 03/13/24 11:53

Analysis Method/SOP: Mycotoxins

Analyte	Result	Action Level	LOD	LOQ	Units
aflatoxin B1	< LOQ	20	5.00	6.25	ug/kg
aflatoxin B2	< LOQ	20	5.00	6.25	ug/kg
aflatoxin G1	< LOQ	20	5.00	6.25	ug/kg
aflatoxin G2	< LOQ	20	5.00	6.25	ug/kg
ochratoxin A	< LOQ	20	5.00	6.25	ug/kg
Total Aflatoxins	< LOQ	20	5.00	6.25	ug/kg

<LOQ - Results below the Limit of Quantitation  
Results above the Action Level fail state testing requirements and will be highlighted **Red**.

### Microbials by PCR

Date/Time Extracted: 03/13/24 10:49

Analysis Method/SOP: Microbials

Analyte	Result	Action Level	LOD	LOQ	Units	
Escherichia Coli	ND	1	0.00	0.00	cfu/g	No detection in 1 gram
Salmonella	ND	1	0.00	0.00	cfu/g	No detection in 1 gram
Total Aspergillus	ND	1	0.00	0.00	cfu/g	No detection in 1 gram

### Metals by ICPMS

Date/Time Extracted: 03/13/24 11:46

Analysis Method/SOP: Metals

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	< LOQ	0.2	0.03	0.08	ug/g
Cadmium	< LOQ	0.2	0.02	0.08	ug/g
Lead	< LOQ	0.5	0.01	0.08	ug/g
Mercury	< LOQ	0.1	0.01	0.04	ug/g

<LOQ - Results below the Limit of Quantitation  
Results above the Action Level fail state testing requirements and will be highlighted **Red**.



Nolan Mundie  
Lab Director - 3/15/2024





### Quality Control Potency

Batch: 2411054 - 215-Products

Blank(2411054-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		03/14/24 10:52	03/14/24 16:54	
delta 9-THC	< LOQ	0.0040	%		03/14/24 10:52	03/14/24 16:54	
delta 8-THC	< LOQ	0.1532	%		03/14/24 10:52	03/14/24 16:54	
THCV	< LOQ	0.1196	%		03/14/24 10:52	03/14/24 16:54	
THCVA	< LOQ	0.1789	%		03/14/24 10:52	03/14/24 16:54	
CBD	< LOQ	0.0040	%		03/14/24 10:52	03/14/24 16:54	
CBDA	< LOQ	0.0040	%		03/14/24 10:52	03/14/24 16:54	
CBDV	< LOQ	0.1230	%		03/14/24 10:52	03/14/24 16:54	
CBDVA	< LOQ	0.1690	%		03/14/24 10:52	03/14/24 16:54	
CBN	< LOQ	0.1105	%		03/14/24 10:52	03/14/24 16:54	
CBG	< LOQ	0.1285	%		03/14/24 10:52	03/14/24 16:54	
CBGA	< LOQ	0.1703	%		03/14/24 10:52	03/14/24 16:54	
CBC	< LOQ	0.1612	%		03/14/24 10:52	03/14/24 16:54	

Reference(2411054-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	107	0.0254	%	90-110	03/14/24 10:52	03/14/24 17:17	
delta 9-THC	99.5	0.0254	%	90-110	03/14/24 10:52	03/14/24 17:17	
delta 8-THC	95.6	0.9768	%	90-110	03/14/24 10:52	03/14/24 17:17	
CBD	96.4	0.0254	%	90-110	03/14/24 10:52	03/14/24 17:17	
CBDA	93.1	0.0254	%	90-110	03/14/24 10:52	03/14/24 17:17	

### Pesticide Analysis

Batch: 2411043 - 203

Blank(2411043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
DDVP (Dichlorvos)	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Acephate	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Acequinocyl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Acetamiprid	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Aldicarb	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Azoxystrobin	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Bifenazate	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Bifenthrin	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Boscalid	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Carbaryl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Carbofuran	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Chlorantraniliprole	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	



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### Quality Control Pesticide Analysis (Continued)

Batch: 2411043 - 203 (Continued)

Blank(2411043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorfenapyr	< LOQ	0.12	ppm		03/13/24 15:31	03/14/24 18:36	
Chlorpyrifos	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Clofentezine	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Cyfluthrin	< LOQ	0.12	ppm		03/13/24 15:31	03/14/24 18:36	
Cypermethrin	< LOQ	0.12	ppm		03/13/24 15:31	03/14/24 18:36	
Daminozide	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Diazinon	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Dimethoate	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Ethoprophos	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Etofenprox	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Etoxazole	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Fenoxycarb	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Fenpyroximate	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Fipronil	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Flonicamid	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Fludioxonil	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Hexythiazox	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Imazalil	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Imidacloprid	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Kresoxim-methyl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Metalaxyl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Malathion	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Methiocarb	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Methomyl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Myclobutanil	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Methyl parathion	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Naled	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
MGK-264	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Oxamyl	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Paclobutrazol	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Phosmet	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Permethrins	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Piperonyl butoxide	< LOQ	1.00	ppm		03/13/24 15:31	03/14/24 18:39	
Prallethrin	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Propiconazole	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:36	
Propoxur	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Pyrethrins	< LOQ	0.50	ppm		03/13/24 15:31	03/14/24 18:39	
Pyridaben	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	



Nolan Mundie  
Lab Director - 3/15/2024



### Quality Control Pesticide Analysis (Continued)

Batch: 2411043 - 203 (Continued)

Blank(2411043-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spinosad	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Spiromesifen	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Spirotetramat	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Spiroxamine	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Tebuconazole	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Thiacloprid	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Thiamethoxam	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	
Trifloxystrobin	< LOQ	0.04	ppm		03/13/24 15:31	03/14/24 18:39	

LCS(2411043-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	66.4	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
DDVP (Dichlorvos)	107	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Acephate	82.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Acequinocyl	73.4	0.04	ppm	40-160	03/13/24 15:31	03/14/24 19:02	
Acetamiprid	97.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Aldicarb	116	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Azoxystrobin	91.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Bifenazate	106	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Bifenthrin	85.6	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
Boscalid	91.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Carbaryl	97.4	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Carbofuran	97.5	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Chlorantraniliprole	79.6	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Chlorfenapyr	81.7	0.12	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Chlorpyrifos	90.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Clofentezine	70.1	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Cyfluthrin	92.8	0.12	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Cypermethrin	76.3	0.12	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Daminozide	239	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	BSH
Diazinon	88.6	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Dimethoate	88.9	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Ethoprophos	96.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Etofenprox	117	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
Etoxazole	110	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Fenoxycarb	97.2	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Fenpyroximate	91.3	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Fipronil	88.2	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Fonicamid	98.3	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	



Nolan Mundie  
Lab Director - 3/15/2024





### Quality Control Pesticide Analysis (Continued)

Batch: 2411043 - 203 (Continued)

LCS(2411043-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fludioxonil	79.2	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Hexythiazox	80.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Imazalil	99.5	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Imidacloprid	91.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Kresoxim-methyl	89.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Metalaxyl	95.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Malathion	83.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Methiocarb	97.4	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Methomyl	97.9	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Myclobutanil	97.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Methyl parathion	95.4	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Naled	87.4	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
MGK-264	77.3	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Oxamyl	85.2	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Paclobutrazol	98.4	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Phosmet	97.6	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
Permethrins	76.4	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:00	
Piperonyl butoxide	121	1.00	ppm	60-120	03/13/24 15:31	03/14/24 19:02	BSH
Prallethrin	93.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Propiconazole	87.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:00	
Propoxur	101	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Pyrethrins	75.9	0.50	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Pyridaben	98.6	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
Spinosad	78.4	0.04	ppm	50-150	03/13/24 15:31	03/14/24 19:02	
Spiromesifen	94.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Spirotetramat	95.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Spiroxamine	104	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Tebuconazole	92.8	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Thiacloprid	97.0	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Thiamethoxam	90.7	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	
Trifloxystrobin	95.9	0.04	ppm	60-120	03/13/24 15:31	03/14/24 19:02	

### Solvent Analysis

Batch: 2411049 - 205

Blank(2411049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Acetonitrile	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	



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### Quality Control Solvent Analysis (Continued)

Batch: 2411049 - 205 (Continued)

Blank(2411049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		03/14/24 10:13	03/15/24 09:38	
Butanes	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
2-Butanol	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Cumene	< LOQ	35.00	ppm		03/14/24 10:13	03/15/24 09:38	
Cyclohexane	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
Dichloromethane	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
1,4-Dioxane	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
2-Ethoxyethanol	< LOQ	80.00	ppm		03/14/24 10:13	03/15/24 09:38	
Ethyl acetate	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Ethyl benzene	< LOQ	35.00	ppm		03/14/24 10:13	03/15/24 09:38	
Ethylene glycol	< LOQ	310.0	ppm		03/14/24 10:13	03/15/24 09:38	
Ethylene oxide	< LOQ	25.00	ppm		03/14/24 10:13	03/15/24 09:38	
Ethyl ether	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Heptane	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Hexanes	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
Isopropyl acetate	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Methanol	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Pentanes	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Propane	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
2-Propanol (IPA)	< LOQ	1000	ppm		03/14/24 10:13	03/15/24 09:38	
Tetrahydrofuran	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
Toluene	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	
Xylenes	< LOQ	50.00	ppm		03/14/24 10:13	03/15/24 09:38	

LCS(2411049-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	90.3	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Acetonitrile	86.7	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Benzene	72.2	1.000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Butanes	89.1	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
2-Butanol	88.8	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Cumene	87.2	35.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Cyclohexane	90.0	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Dichloromethane	89.5	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
1,4-Dioxane	88.3	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
2-Ethoxyethanol	86.6	80.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Ethyl acetate	92.5	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Ethyl benzene	83.3	35.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Ethylene glycol	80.6	310.0	ppm	60-120	03/14/24 10:13	03/14/24 18:42	



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### Quality Control Solvent Analysis (Continued)

#### Batch: 2411049 - 205 (Continued)

LCS(2411049-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	83.8	25.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Ethyl ether	91.6	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Heptane	90.1	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Hexanes	89.3	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Isopropyl acetate	89.7	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Methanol	84.2	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Pentanes	89.5	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Propane	77.5	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
2-Propanol (IPA)	92.2	1000	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Tetrahydrofuran	86.8	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	
Toluene	81.5	50.00	ppm	60-120	03/14/24 10:13	03/14/24 18:42	

### Microbials

#### Batch: 2411030 - Microbials

Blank(2411030-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	ND	0.00	cfu/g		03/13/24 10:49	03/14/24 15:06	
Escherichia Coli	ND	0.00	cfu/g		03/13/24 10:49	03/14/24 15:06	

LCS(2411030-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	100		cfu/g	99-101	03/13/24 10:49	03/14/24 15:06	
Escherichia Coli	100		cfu/g	99-101	03/13/24 10:49	03/14/24 15:06	

#### Batch: 2411033 - Microbials

Blank(2411033-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Total Aspergillus	ND	0.00	cfu/g		03/13/24 11:20	03/14/24 17:06	

LCS(2411033-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Total Aspergillus	100		cfu/g	99-101	03/13/24 11:20	03/14/24 17:06	

#### Batch: 2411036 - 217

Blank(2411036-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		03/13/24 11:46	03/14/24 15:20	
Lead	< LOQ	0.08	ug/g		03/13/24 11:46	03/14/24 15:20	
Arsenic	< LOQ	0.08	ug/g		03/13/24 11:46	03/14/24 15:20	
Mercury	< LOQ	0.04	ug/g		03/13/24 11:46	03/14/24 15:20	

LCS(2411036-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes



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### Quality Control Metals (Continued)

#### Batch: 2411036 - 217 (Continued)

LCS(2411036-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	100	0.08	ug/g	80-115	03/13/24 11:46	03/14/24 15:21	
Lead	103	0.08	ug/g	80-115	03/13/24 11:46	03/14/24 15:21	
Arsenic	91.6	0.08	ug/g	80-115	03/13/24 11:46	03/14/24 15:21	
Mercury	92.4	0.04	ug/g	80-115	03/13/24 11:46	03/14/24 15:21	

#### Batch: 2411038 - 202

Blank(2411038-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	< LOQ	6.25	ug/kg		03/13/24 11:53	03/14/24 18:34	
aflatoxin B2	< LOQ	6.25	ug/kg		03/13/24 11:53	03/14/24 18:34	
aflatoxin G1	< LOQ	6.25	ug/kg		03/13/24 11:53	03/14/24 18:34	
aflatoxin G2	< LOQ	6.25	ug/kg		03/13/24 11:53	03/14/24 18:34	
ochratoxin A	< LOQ	6.25	ug/kg		03/13/24 11:53	03/14/24 18:34	

LCS(2411038-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	54.9	6.25	ug/kg	60-120	03/13/24 11:53	03/14/24 18:44	BSL
aflatoxin B2	52.8	6.25	ug/kg	60-120	03/13/24 11:53	03/14/24 18:44	BSL
aflatoxin G1	65.8	6.25	ug/kg	60-120	03/13/24 11:53	03/14/24 18:44	
aflatoxin G2	50.1	6.25	ug/kg	60-120	03/13/24 11:53	03/14/24 18:44	BSL
ochratoxin A	87.0	6.25	ug/kg	60-120	03/13/24 11:53	03/14/24 18:44	

#### Batch: 2411054 - 215-Products

Blank(2411054-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Camphene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Camphor	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
3-Carene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
beta-Caryophyllene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Caryophyllene Oxide	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
alpha-Cedrene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Cedrol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Endo-fenchyl alcohol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Eucalyptol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Geraniol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Geranyl acetate	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Guaiol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
alpha-Humulene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Isoborneol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Isopulegol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	



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### Quality Control Terpene Analysis (Continued)

Batch: 2411054 - 215-Products (Continued)

Blank(2411054-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Limonene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Linalool	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
beta-Myrcene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
trans-Nerolidol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
alpha-Pinene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
beta-Pinene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Pulegone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Sabinene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Sabinene hydrate	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
gamma-Terpinene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
alpha-Terpinene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Terpinolene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Valencene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Verbenone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
trans-beta-Farnesene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
A-Terpineol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
cis-Nerolidol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Thymol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Terpinen-4-ol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Squalene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Safranal	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Piperitone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Phytane	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
p-Cymene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Octyl Acetate	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Nootkatone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Menthone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Menthol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Isobornyl Acetate	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Farnesol 1	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Carvone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
alpha-Thujone	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Alpha-Phellandrene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
(+)-Borneol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
(-)-Borneol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Carvacrol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
trans-beta-Ocimene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Cis-beta-Ocimene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	



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### Quality Control Terpene Analysis (Continued)

#### Batch: 2411054 - 215-Products (Continued)

Blank(2411054-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Citral	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Citronellol	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Farnesol 2	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	
Cis-beta-Farnesene	< LOQ	0.002	%		03/14/24 10:52	03/15/24 01:06	

Reference(2411054-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	52.1	0.002	%	0-130	03/14/24 10:52	03/15/24 01:24	
beta-Caryophyllene	115	0.002	%	70-130	03/14/24 10:52	03/15/24 01:24	
Limonene	136	0.002	%	70-130	03/14/24 10:52	03/15/24 01:24	
beta-Myrcene	43.5	0.002	%	70-130	03/14/24 10:52	03/15/24 01:24	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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 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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