



Jackey Jack

Sample ID: G4D0288-01 Matrix: Hemp Extracts & Concentrates
Test ID: 5023920
Source ID:
Date Sampled: 04/22/24 Date Accepted: 04/22/24

Alvin and Friends
Alvinandfriends1@gmail.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : 44.53 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Microbials : PASS

Metals : PASS

Mycotoxins : PASS



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Nolan Mundie
Lab Director - 5/2/2024

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Test ID: 5023920

Source ID:

Date Sampled: 04/22/24

Date Accepted: 04/22/24

Alvin and Friends
Alvinandfriends1@gmail.com

Potency Analysis

Date/Time Extracted: 04/23/24 10:28

Analysis Method/SOP: 215

Batch Identification: 2417009

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	<p>A 3D pie chart titled 'Cannabinoids Profile' showing the distribution of cannabinoids. The largest slice is CBD at 44.5%, followed by CBC at 5.2%, and CBN at 1.9%. The total is 51.6%.</p>
Total CBD	0.0431	44.53	445.3	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	44.53	445.3	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	1.857	18.57	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	5.232	52.32	
Total Cannabinoids		51.62	516.2	

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



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Test ID: 5023920

Source ID:

Date Sampled: 04/22/24

Date Accepted: 04/22/24

Alvin and Friends
Alvinandfriends1@gmail.com

Pesticide Analysis in ppm

Date/Time Extracted: 04/24/24 12:33

Analysis Method/SOP: 202

Analyte	Result	Action Level	LOD	LOQ	Units	Notes	Analyte	Result	Action Level	LOD	LOQ	Units	Notes
Abamectin	< LOQ	0.5		0.10	ppm		Acephate	< LOQ	0.4		0.10	ppm	
Acequinocyl	< LOQ	2		0.48	ppm		Acetamidrid	< LOQ	0.2		0.10	ppm	
Aldicarb	< LOQ	0.4		0.10	ppm		Azoxystrobin	< LOQ	0.2		0.10	ppm	
Bifenazate	< LOQ	0.2		0.10	ppm		Bifenthrin	< LOQ	0.2		0.10	ppm	
Boscalid	< LOQ	0.4		0.10	ppm		Carbaryl	< LOQ	0.2		0.10	ppm	
Carbofuran	< LOQ	0.2		0.10	ppm		Chlorantraniliprole	< LOQ	0.2		0.10	ppm	
Chlorfenapyr	< LOQ	1		0.10	ppm		Chlorpyrifos	< LOQ	0.2		0.10	ppm	
Clofentezine	< LOQ	0.2		0.10	ppm		Cyfluthrin	< LOQ	1		0.48	ppm	
Cypermethrin	< LOQ	1		0.48	ppm		Daminozide	< LOQ	1		0.48	ppm	
DDVP (Dichlorvos)	< LOQ	1		0.10	ppm		Diazinon	< LOQ	0.2		0.10	ppm	
Dimethoate	< LOQ	0.2		0.10	ppm		Ethoprophos	< LOQ	0.2		0.10	ppm	
Etofenprox	< LOQ	0.4		0.10	ppm		Etoxazole	< LOQ	0.2		0.10	ppm	
Fenoxycarb	< LOQ	0.2		0.10	ppm		Fenpyroximate	< LOQ	0.4		0.10	ppm	
Fipronil	< LOQ	0.4		0.10	ppm		Fonicamid	< LOQ	1		0.10	ppm	
Fludioxonil	< LOQ	0.4		0.10	ppm		Hexythiazox	< LOQ	1		0.10	ppm	
Imazalil	< LOQ	0.2		0.10	ppm		Imidacloprid	< LOQ	0.4		0.10	ppm	
Kresoxim-methyl	< LOQ	0.4		0.10	ppm		Malathion	< LOQ	0.2		0.10	ppm	
Metalaxyl	< LOQ	0.2		0.10	ppm		Methiocarb	< LOQ	0.2		0.10	ppm	
Methomyl	< LOQ	0.4		0.10	ppm		Methyl parathion	< LOQ	0.2		0.10	ppm	
MGK-264	< LOQ	0.2		0.10	ppm		Myclobutanil	< LOQ	0.2		0.10	ppm	
Naled	< LOQ	0.5		0.10	ppm		Oxamyl	< LOQ	1		0.10	ppm	
Paclobutrazol	< LOQ	0.4		0.10	ppm		Permethrins	< LOQ	0.2		0.10	ppm	
Phosmet	< LOQ	0.2		0.10	ppm		Piperonyl butoxide	< LOQ	2		0.90	ppm	
Prallethrin	< LOQ	0.2		0.10	ppm		Propiconazole	< LOQ	0.4		0.10	ppm	
Propoxur	< LOQ	0.2		0.10	ppm		Pyrethrins	< LOQ	1		0.48	ppm	
Pyridaben	< LOQ	0.2		0.10	ppm		Spinosad	< LOQ	0.2		0.10	ppm	
Spiromesifen	< LOQ	0.2		0.10	ppm		Spirotetramat	< LOQ	0.2		0.10	ppm	
Spiroxamine	< LOQ	0.4		0.10	ppm		Tebuconazole	< LOQ	0.4		0.10	ppm	
Thiacloprid	< LOQ	0.2		0.10	ppm		Thiamethoxam	< LOQ	0.2		0.10	ppm	
Trifloxystrobin	< LOQ	0.2		0.10	ppm								

ND - Compound not detected

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



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Lab Director - 5/2/2024

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Test ID: 5023920

Source ID:

Date Sampled: 04/22/24

Date Accepted: 04/22/24

Alvin and Friends
Alvinandfriends1@gmail.com

Residual Solvents

Date/Time Extracted: 04/23/24 09:32

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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Date Sampled: 04/22/24 Date Accepted: 04/22/24

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Mycotoxins by LCMSMS

Date/Time Extracted: 04/23/24 09:26

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: 04/23/24 09:12

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

Metals by ICPMS

Date/Time Extracted: 04/24/24 10:55

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 - 5/2/2024



Quality Control Potency

Batch: 2417009 - 215-Concentrates

Blank(2417009-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/23/24 10:28	04/23/24 18:25	
delta 9-THC	< LOQ	0.0005	%		04/23/24 10:28	04/23/24 18:25	
delta 8-THC	< LOQ	0.0934	%		04/23/24 10:28	04/23/24 18:25	
THCV	< LOQ	0.1052	%		04/23/24 10:28	04/23/24 18:25	
THCVA	< LOQ	0.0392	%		04/23/24 10:28	04/23/24 18:25	
CBD	< LOQ	0.0005	%		04/23/24 10:28	04/23/24 18:25	
CBDA	< LOQ	0.0005	%		04/23/24 10:28	04/23/24 18:25	
CBDV	< LOQ	0.1040	%		04/23/24 10:28	04/23/24 18:25	
CBDVA	< LOQ	0.0341	%		04/23/24 10:28	04/23/24 18:25	
CBN	< LOQ	0.0622	%		04/23/24 10:28	04/23/24 18:25	
CBG	< LOQ	0.0164	%		04/23/24 10:28	04/23/24 18:25	
CBGA	< LOQ	0.0164	%		04/23/24 10:28	04/23/24 18:25	
CBC	< LOQ	0.0186	%		04/23/24 10:28	04/23/24 18:25	

Reference(2417009-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	93.3	0.00005	%	90-110	04/23/24 10:28	04/23/24 18:48	
delta 9-THC	93.4	0.00005	%	90-110	04/23/24 10:28	04/23/24 18:48	
delta 8-THC	105	0.0089	%	90-110	04/23/24 10:28	04/23/24 18:48	
CBD	94.6	0.00005	%	90-110	04/23/24 10:28	04/23/24 18:48	
CBDA	93.4	0.00005	%	90-110	04/23/24 10:28	04/23/24 18:48	

Pesticide Analysis

Batch: 2417025 - 202

Blank(2417025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Acephate	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Acequinocyl	< LOQ	0.48	ppm		04/24/24 12:33	04/24/24 18:00	
Acetamiprid	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Aldicarb	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Azoxystrobin	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Bifenazate	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Bifenthrin	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Boscalid	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Carbaryl	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Carbofuran	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Chlorantraniliprole	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Chlorfenapyr	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	



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Quality Control Pesticide Analysis (Continued)

Batch: 2417025 - 202 (Continued)

Blank(2417025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Clofentezine	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Daminozide	< LOQ	0.48	ppm		04/24/24 12:33	04/24/24 18:00	
Cyfluthrin	< LOQ	0.48	ppm		04/24/24 12:33	04/24/24 19:37	
Diazinon	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Cypermethrin	< LOQ	0.48	ppm		04/24/24 12:33	04/24/24 19:37	
Dimethoate	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Ethoprophos	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Etofenprox	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Etoxazole	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Fenoxycarb	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Fenpyroximate	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Fonicamid	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Hexythiazox	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Imazalil	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Fipronil	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Imidacloprid	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Fludioxonil	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Metalaxyl	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Methiocarb	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Methomyl	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Myclobutanil	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Kresoxim-methyl	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Naled	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Malathion	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Oxamyl	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Paclobutrazol	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Permethrins	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Methyl parathion	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
MGK-264	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Phosmet	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Piperonyl butoxide	< LOQ	0.90	ppm		04/24/24 12:33	04/24/24 18:00	
Prallethrin	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Propoxur	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Pyrethrins	< LOQ	0.48	ppm		04/24/24 12:33	04/24/24 18:00	
Pyridaben	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Propiconazole	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 19:37	
Spinosad	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	



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Quality Control Pesticide Analysis (Continued)

Batch: 2417025 - 202 (Continued)

Blank(2417025-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Spirotetramat	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Spiroxamine	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Tebuconazole	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Thiacloprid	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Thiamethoxam	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
Trifloxystrobin	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	
DDVP (Dichlorvos)	< LOQ	0.10	ppm		04/24/24 12:33	04/24/24 18:00	

LCS(2417025-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	127	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	BSH
Acephate	146	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Acequinocyl	126	0.48	ppm	40-160	04/24/24 12:33	04/24/24 18:25	
Acetamiprid	123	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Aldicarb	114	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Azoxystrobin	125	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Bifenazate	119	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Bifenthrin	132	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Boscalid	97.0	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Carbaryl	149	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Carbofuran	122	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Chlorantraniliprole	111	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Chlorfenapyr	61.9	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Chlorpyrifos	129	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Clofentezine	114	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Daminozide	210	0.48	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Cyfluthrin	106	0.48	ppm	50-150	04/24/24 12:33	04/24/24 19:59	
Diazinon	121	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Cypermethrin	127	0.48	ppm	50-150	04/24/24 12:33	04/24/24 19:59	
Dimethoate	124	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Ethoprophos	121	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Etofenprox	123	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Etoxazole	126	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Fenoxycarb	114	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Fenpyroximate	117	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Fonicamid	97.7	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Hexythiazox	121	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Imazalil	120	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	



Nolan Mundie
Lab Director - 5/2/2024



Quality Control Pesticide Analysis (Continued)

Batch: 2417025 - 202 (Continued)

LCS(2417025-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	98.3	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Imidacloprid	117	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Fludioxonil	109	0.10	ppm	50-150	04/24/24 12:33	04/24/24 19:59	
Metalaxyl	122	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Methiocarb	141	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Methomyl	120	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Myclobutanil	107	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Kresoxim-methyl	108	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Naled	116	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Malathion	103	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Oxamyl	120	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Paclobutrazol	116	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Permethrins	115	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Methyl parathion	80.7	0.10	ppm	50-150	04/24/24 12:33	04/24/24 19:59	
MGK-264	95.3	0.10	ppm	50-150	04/24/24 12:33	04/24/24 19:59	
Phosmet	141	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Piperonyl butoxide	108	0.90	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Prallethrin	120	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Propoxur	124	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Pyrethrins	117	0.48	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Pyridaben	117	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Propiconazole	108	0.10	ppm	60-120	04/24/24 12:33	04/24/24 19:59	
Spinosad	83.8	0.10	ppm	50-150	04/24/24 12:33	04/24/24 18:25	
Spiromesifen	117	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Spirotetramat	113	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Spiroxamine	120	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Tebuconazole	109	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Thiacloprid	124	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
Thiamethoxam	112	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	
Trifloxystrobin	130	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH
DDVP (Dichlorvos)	126	0.10	ppm	60-120	04/24/24 12:33	04/24/24 18:25	BSH

Solvent Analysis

Batch: 2417008 - 205

Blank(2417008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Acetonitrile	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	



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Quality Control Solvent Analysis (Continued)

Batch: 2417008 - 205 (Continued)

Blank(2417008-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		04/23/24 09:32	04/24/24 09:10	
Butanes	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
2-Butanol	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Cumene	< LOQ	35.00	ppm		04/23/24 09:32	04/24/24 09:10	
Cyclohexane	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
Dichloromethane	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
1,4-Dioxane	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
2-Ethoxyethanol	< LOQ	80.00	ppm		04/23/24 09:32	04/24/24 09:10	
Ethyl acetate	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Ethyl benzene	< LOQ	35.00	ppm		04/23/24 09:32	04/24/24 09:10	
Ethylene glycol	< LOQ	310.0	ppm		04/23/24 09:32	04/24/24 09:10	
Ethylene oxide	< LOQ	25.00	ppm		04/23/24 09:32	04/24/24 09:10	
Ethyl ether	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Heptane	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Hexanes	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
Isopropyl acetate	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Methanol	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Pentanes	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Propane	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
2-Propanol (IPA)	< LOQ	1000	ppm		04/23/24 09:32	04/24/24 09:10	
Tetrahydrofuran	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
Toluene	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	
Xylenes	< LOQ	50.00	ppm		04/23/24 09:32	04/24/24 09:10	

LCS(2417008-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	73.9	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Acetonitrile	82.2	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Benzene	62.9	1.000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Butanes	76.1	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
2-Butanol	86.9	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Cumene	94.6	35.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Cyclohexane	88.6	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Dichloromethane	86.6	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
1,4-Dioxane	87.4	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
2-Ethoxyethanol	81.2	80.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Ethyl acetate	86.2	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Ethyl benzene	88.7	35.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Ethylene glycol	80.0	310.0	ppm	60-120	04/23/24 09:32	04/23/24 16:10	



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Quality Control Solvent Analysis (Continued)

Batch: 2417008 - 205 (Continued)

LCS(2417008-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	81.5	25.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Ethyl ether	85.3	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Heptane	83.6	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Hexanes	84.9	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Isopropyl acetate	86.4	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Methanol	80.2	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Pentanes	80.1	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Propane	73.6	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
2-Propanol (IPA)	88.5	1000	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Tetrahydrofuran	82.9	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	
Toluene	83.6	50.00	ppm	60-120	04/23/24 09:32	04/23/24 16:10	

Microbials

Batch: 2417006 - Microbials

Blank(2417006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	ND	0.00	cfu/g		04/23/24 09:12	04/24/24 15:35	
Escherichia Coli	ND	0.00	cfu/g		04/23/24 09:12	04/24/24 15:35	

LCS(2417006-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	100		cfu/g	99-101	04/23/24 09:12	04/24/24 15:35	
Escherichia Coli	100		cfu/g	99-101	04/23/24 09:12	04/24/24 15:35	

Batch: 2417007 - 202

Blank(2417007-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	< LOQ	6.25	ug/kg		04/23/24 09:26	04/23/24 17:29	
aflatoxin B2	< LOQ	6.25	ug/kg		04/23/24 09:26	04/23/24 17:29	
aflatoxin G1	< LOQ	6.25	ug/kg		04/23/24 09:26	04/23/24 17:29	
aflatoxin G2	< LOQ	6.25	ug/kg		04/23/24 09:26	04/23/24 17:29	
ochratoxin A	< LOQ	6.25	ug/kg		04/23/24 09:26	04/23/24 17:29	

LCS(2417007-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	93.3	6.25	ug/kg	60-120	04/23/24 09:26	04/23/24 17:40	
aflatoxin B2	86.5	6.25	ug/kg	60-120	04/23/24 09:26	04/23/24 17:40	
aflatoxin G1	70.6	6.25	ug/kg	60-120	04/23/24 09:26	04/23/24 17:40	
aflatoxin G2	93.3	6.25	ug/kg	60-120	04/23/24 09:26	04/23/24 17:40	
ochratoxin A	119	6.25	ug/kg	60-120	04/23/24 09:26	04/23/24 17:40	

Batch: 2417017 - 217



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Quality Control Metals (Continued)

Batch: 2417017 - 217 (Continued)

Blank(2417017-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		04/24/24 10:55	04/24/24 15:26	
Lead	< LOQ	0.08	ug/g		04/24/24 10:55	04/24/24 15:26	
Arsenic	< LOQ	0.08	ug/g		04/24/24 10:55	04/24/24 15:26	
Mercury	< LOQ	0.04	ug/g		04/24/24 10:55	04/24/24 15:26	

LCS(2417017-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	104	0.08	ug/g	80-115	04/24/24 10:55	04/24/24 15:27	
Lead	105	0.08	ug/g	80-115	04/24/24 10:55	04/24/24 15:27	
Arsenic	97.9	0.08	ug/g	80-115	04/24/24 10:55	04/24/24 15:27	
Mercury	94.7	0.04	ug/g	80-115	04/24/24 10:55	04/24/24 15:27	



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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.
- 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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