



Power Ranger

Sample ID: G3K0054-01 Matrix: Hemp Extracts & Concentrates

Test ID: 5025640

Source ID:

Date Sampled: 11/02/23 Date Accepted: 11/02/23

Harvest/Prod. Date: 10.25.2023

Alvin and Friends
Alvinandfriends1@gmail.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : 74.97 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Microbials : PASS

Metals : PASS

Mycotoxins : PASS



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Eric Wendt
Chief Science Officer - 11/8/2023



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Harvest/Prod. Date: 10.25.2023

Alvin and Friends
Alvinandfriends1@gmail.com

Potency Analysis

Date/Time Extracted: 11/04/23 09:41

Analysis Method/SOP: 215

Batch Identification: 2344076

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	<p>75.0 3.3 5.3 Total: 83.6</p>
Total CBD	0.0431	74.97	749.7	
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	74.97	749.7	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	3.332	33.32	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	5.253	52.53	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		83.56	835.6	

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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Pesticide Analysis in ppm

Date/Time Extracted: 11/06/23 10:39

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**.



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Harvest/Prod. Date: 10.25.2023

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Residual Solvents

Date/Time Extracted: 11/07/23 10:44

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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Mycotoxins by LCMSMS

Date/Time Extracted: 11/07/23 10:51

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: 11/06/23 09:13

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: 11/07/23 16:20

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**.



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Quality Control Potency

Batch: 2344076 - 215-Concentrates

Blank(2344076-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/04/23 09:41	11/04/23 17:17	
delta 9-THC	< LOQ	0.0005	%		11/04/23 09:41	11/04/23 17:17	
delta 8-THC	< LOQ	0.0934	%		11/04/23 09:41	11/04/23 17:17	
THCV	< LOQ	0.1052	%		11/04/23 09:41	11/04/23 17:17	
THCVA	< LOQ	0.0392	%		11/04/23 09:41	11/04/23 17:17	
CBD	< LOQ	0.0005	%		11/04/23 09:41	11/04/23 17:17	
CBDA	< LOQ	0.0005	%		11/04/23 09:41	11/04/23 17:17	
CBDV	< LOQ	0.1040	%		11/04/23 09:41	11/04/23 17:17	
CBDVA	< LOQ	0.0341	%		11/04/23 09:41	11/04/23 17:17	
CBN	< LOQ	0.0622	%		11/04/23 09:41	11/04/23 17:17	
CBG	< LOQ	0.0164	%		11/04/23 09:41	11/04/23 17:17	
CBGA	< LOQ	0.0164	%		11/04/23 09:41	11/04/23 17:17	
CBC	< LOQ	0.0186	%		11/04/23 09:41	11/04/23 17:17	

Reference(2344076-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.0	0.0002	%	90-110	11/04/23 09:41	11/04/23 17:39	
delta 9-THC	108	0.0002	%	90-110	11/04/23 09:41	11/04/23 17:39	
delta 8-THC	101	0.0463	%	90-110	11/04/23 09:41	11/04/23 17:39	
CBD	109	0.0002	%	90-110	11/04/23 09:41	11/04/23 17:39	
CBDA	107	0.0002	%	90-110	11/04/23 09:41	11/04/23 17:39	

Pesticide Analysis

Batch: 2345004 - 202

Blank(2345004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Acephate	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Acequinocyl	< LOQ	0.5	ppm		11/06/23 10:39	11/06/23 17:02	
Acetamiprid	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Aldicarb	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Azoxystrobin	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Bifenazate	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Bifenthrin	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Boscalid	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Carbaryl	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Carbofuran	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Chlorantraniliprole	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Chlorfenapyr	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	



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Quality Control Pesticide Analysis (Continued)

Batch: 2345004 - 202 (Continued)

Blank(2345004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Clofentezine	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Daminozide	< LOQ	0.5	ppm		11/06/23 10:39	11/06/23 17:02	
Cyfluthrin	< LOQ	0.5	ppm		11/06/23 10:39	11/06/23 16:28	
Diazinon	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Cypermethrin	< LOQ	0.5	ppm		11/06/23 10:39	11/06/23 16:28	
Dimethoate	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Ethoprophos	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Etofenprox	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Etoxazole	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Fenoxycarb	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Fenpyroximate	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Flonicamid	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Hexythiazox	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Imazalil	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Fipronil	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Imidacloprid	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Fludioxonil	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Metalaxyl	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Methiocarb	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Methomyl	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Myclobutanil	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Kresoxim-methyl	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Naled	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Malathion	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Oxamyl	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Paclobutrazol	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Permethrins	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Methyl parathion	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
MGK-264	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Phosmet	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Piperonyl butoxide	< LOQ	0.9	ppm		11/06/23 10:39	11/06/23 17:02	
Prallethrin	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Propoxur	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Pyrethrins	< LOQ	0.5	ppm		11/06/23 10:39	11/06/23 17:02	
Pyridaben	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Propiconazole	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 16:28	
Spinosad	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	



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Quality Control Pesticide Analysis (Continued)

Batch: 2345004 - 202 (Continued)

Blank(2345004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Spirotetramat	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Spiroxamine	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Tebuconazole	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Thiacloprid	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Thiamethoxam	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
Trifloxystrobin	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		11/06/23 10:39	11/06/23 17:02	

LCS(2345004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	110	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Acephate	114	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Acequinocyl	99.2	0.5	ppm	40-160	11/06/23 10:39	11/06/23 17:25	
Acetamiprid	104	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Aldicarb	106	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Azoxystrobin	104	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Bifenazate	103	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Bifenthrin	104	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Boscalid	63.9	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Carbaryl	107	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Carbofuran	102	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Chlorantraniliprole	125	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
Chlorfenapyr	90.8	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Chlorpyrifos	84.9	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Clofentezine	85.1	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Daminozide	145	0.5	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
Cyfluthrin	73.0	0.5	ppm	50-150	11/06/23 10:39	11/06/23 16:50	
Diazinon	107	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Cypermethrin	119	0.5	ppm	50-150	11/06/23 10:39	11/06/23 16:50	
Dimethoate	113	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Ethoprophos	115	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Etofenprox	107	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Etoxazole	99.8	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Fenoxycarb	110	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Fenpyroximate	122	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
Flonicamid	119	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Hexythiazox	81.5	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Imazalil	105	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	



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Quality Control Pesticide Analysis (Continued)

Batch: 2345004 - 202 (Continued)

LCS(2345004-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	91.0	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Imidacloprid	131	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
Fludioxonil	70.0	0.1	ppm	50-150	11/06/23 10:39	11/06/23 16:50	
Metalaxyl	103	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Methiocarb	116	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Methomyl	108	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Myclobutanil	113	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Kresoxim-methyl	81.7	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Naled	106	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Malathion	82.5	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Oxamyl	112	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Paclobutrazol	107	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Permethrins	127	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Methyl parathion	115	0.1	ppm	50-150	11/06/23 10:39	11/06/23 16:50	
MGK-264	77.1	0.1	ppm	50-150	11/06/23 10:39	11/06/23 16:50	
Phosmet	119	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Piperonyl butoxide	116	0.9	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Prallethrin	113	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Propoxur	99.7	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Pyrethrins	98.9	0.5	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Pyridaben	112	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Propiconazole	78.9	0.1	ppm	60-120	11/06/23 10:39	11/06/23 16:50	
Spinosad	105	0.1	ppm	50-150	11/06/23 10:39	11/06/23 17:25	
Spiromesifen	102	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Spirotetramat	112	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Spiroxamine	91.9	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Tebuconazole	111	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Thiacloprid	113	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	
Thiamethoxam	124	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
Trifloxystrobin	129	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	BSH
DDVP (Dichlorvos)	114	0.1	ppm	60-120	11/06/23 10:39	11/06/23 17:25	

Solvent Analysis

Batch: 2345014 - 205

Blank(2345014-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Acetonitrile	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	



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Quality Control Solvent Analysis (Continued)

Batch: 2345014 - 205 (Continued)

Blank(2345014-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		11/07/23 10:44	11/08/23 01:53	
Butanes	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
2-Butanol	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Cumene	< LOQ	35.00	ppm		11/07/23 10:44	11/08/23 01:53	
Cyclohexane	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
Dichloromethane	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
1,4-Dioxane	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
2-Ethoxyethanol	< LOQ	80.00	ppm		11/07/23 10:44	11/08/23 01:53	
Ethyl acetate	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Ethyl benzene	< LOQ	35.00	ppm		11/07/23 10:44	11/08/23 01:53	
Ethylene glycol	< LOQ	310.0	ppm		11/07/23 10:44	11/08/23 01:53	
Ethylene oxide	< LOQ	25.00	ppm		11/07/23 10:44	11/08/23 01:53	
Ethyl ether	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Heptane	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Hexanes	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
Isopropyl acetate	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Methanol	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Pentanes	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Propane	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
2-Propanol (IPA)	< LOQ	1000	ppm		11/07/23 10:44	11/08/23 01:53	
Tetrahydrofuran	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
Toluene	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	
Xylenes	< LOQ	50.00	ppm		11/07/23 10:44	11/08/23 01:53	

LCS(2345014-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	93.3	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Acetonitrile	94.0	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Benzene	126	1.000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	BSH
Butanes	77.9	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
2-Butanol	93.6	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Cumene	95.4	35.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Cyclohexane	92.2	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Dichloromethane	94.2	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
1,4-Dioxane	92.3	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
2-Ethoxyethanol	83.6	80.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Ethyl acetate	93.1	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Ethyl benzene	98.8	35.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Ethylene glycol	77.1	310.0	ppm	60-120	11/07/23 10:44	11/07/23 23:26	



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Quality Control Solvent Analysis (Continued)

Batch: 2345014 - 205 (Continued)

LCS(2345014-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	95.8	25.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Ethyl ether	92.9	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Heptane	94.8	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Hexanes	90.8	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Isopropyl acetate	90.9	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Methanol	90.5	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Pentanes	85.7	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Propane	66.6	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
2-Propanol (IPA)	93.6	1000	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Tetrahydrofuran	93.5	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	
Toluene	95.1	50.00	ppm	60-120	11/07/23 10:44	11/07/23 23:26	

Microbials

Batch: 2345001 - Microbials

Blank(2345001-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	ND	0.00	cfu/g		11/06/23 09:13	11/07/23 13:44	
Escherichia Coli	ND	0.00	cfu/g		11/06/23 09:13	11/07/23 13:44	

LCS(2345001-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Salmonella	100		cfu/g	99-101	11/06/23 09:13	11/07/23 13:44	
Escherichia Coli	100		cfu/g	99-101	11/06/23 09:13	11/07/23 13:44	

Batch: 2345016 - 202

Blank(2345016-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	< LOQ	6.25	ug/kg		11/07/23 10:51	11/07/23 17:51	
aflatoxin B2	< LOQ	6.25	ug/kg		11/07/23 10:51	11/07/23 17:51	
aflatoxin G1	< LOQ	6.25	ug/kg		11/07/23 10:51	11/07/23 17:51	
aflatoxin G2	< LOQ	6.25	ug/kg		11/07/23 10:51	11/07/23 17:51	
ochratoxin A	< LOQ	6.25	ug/kg		11/07/23 10:51	11/07/23 17:51	

LCS(2345016-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
aflatoxin B1	103	6.25	ug/kg	60-120	11/07/23 10:51	11/07/23 18:01	
aflatoxin B2	109	6.25	ug/kg	60-120	11/07/23 10:51	11/07/23 18:01	
aflatoxin G1	93.6	6.25	ug/kg	60-120	11/07/23 10:51	11/07/23 18:01	
aflatoxin G2	98.6	6.25	ug/kg	60-120	11/07/23 10:51	11/07/23 18:01	
ochratoxin A	107	6.25	ug/kg	60-120	11/07/23 10:51	11/07/23 18:01	

Batch: 2345021 - 217



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Quality Control Metals (Continued)

Batch: 2345021 - 217 (Continued)

Blank(2345021-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	< LOQ	0.08	ug/g		11/07/23 16:20	11/08/23 14:48	
Lead	< LOQ	0.08	ug/g		11/07/23 16:20	11/08/23 14:48	
Arsenic	< LOQ	0.08	ug/g		11/07/23 16:20	11/08/23 14:48	
Mercury	< LOQ	0.04	ug/g		11/07/23 16:20	11/08/23 14:48	

LCS(2345021-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Cadmium	96.7	0.08	ug/g	80-115	11/07/23 16:20	11/08/23 14:49	
Lead	105	0.08	ug/g	80-115	11/07/23 16:20	11/08/23 14:49	
Arsenic	102	0.08	ug/g	80-115	11/07/23 16:20	11/08/23 14:49	
Mercury	97.4	0.04	ug/g	80-115	11/07/23 16:20	11/08/23 14:49	



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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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