Green Leaf Lab
12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
License#: 10029074C70

Quality Control Testing
Official Report

RNA AK-47

Sample ID: G3F0290-01 **Matrix:** Hemp Extracts & Concentrates
Test ID: 5025244
Source ID:
Date Sampled: 06/17/23 **Date Accepted:** 06/17/23

Eskerium LLC
testing@eskerium.com

Results at a Glance

Total CBD : 57.69 %

Pesticides : PASS

Residual Solvent Analysis : PASS

Total Terpenes : 7.340 % PASS

ISO 17025 ACCREDITED LABORATORY

Eric Wendt
Chief Science Officer - 6/21/2023

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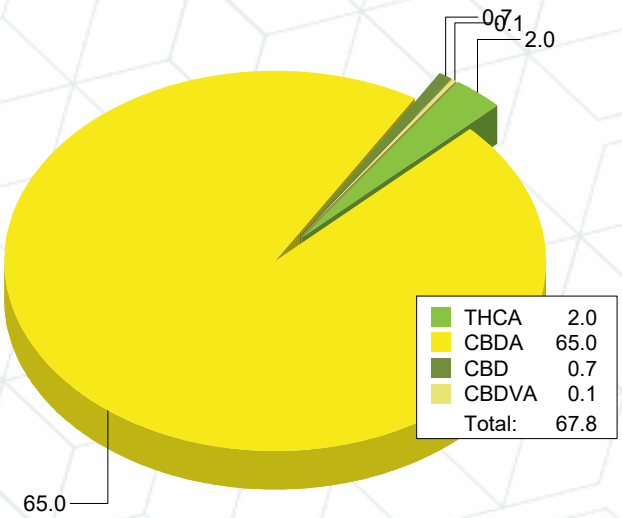
Potency Analysis by HPLC

Date/Time Extracted: 06/19/23 10:55 **Analysis Method/SOP: 215** **Batch Identification: 2325003**

Cannabinoids	LOQ (%)	% by Wt.	mg/g
Total CBD	0.0431	57.69	576.9
THCA	0.0005	1.992	19.92
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	0.6880	6.88
CBDA	0.0005	64.99	649.9
CBDV	0.1040	< LOQ	< LOQ
CBDVA	0.0341	0.1235	1.235
CBN	0.0622	< LOQ	< LOQ
CBG	0.0164	< LOQ	< LOQ
CBGA	0.0164	< LOQ	< LOQ
CBC	0.0186	< LOQ	< LOQ
Total Cannabinoids		67.80	678

Cannabinoids Profile



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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Terpene Analysis by GCMS

Date/Time Extracted: 06/19/23 10:55 **Analysis Method/SOP: 204**
Date/Time Analyzed: 06/21/23 02:32

Analyte	Result	LOD	LOQ	Units	Analyte	Result	LOD	LOQ	Units
(-)-Bomeol	< LOQ	0.001	0.003	mg/g	(+)-Bomeol	< LOQ	0.001	0.003	mg/g
3-Carene	< LOQ	0.001	0.003	mg/g	alpha-Bisabolol	< LOQ	0.001	0.003	mg/g
alpha-Cedrene	2.85	0.001	0.003	mg/g	alpha-Humulene	< LOQ	0.001	0.003	mg/g
Alpha-Phellandrene	< LOQ	0.001	0.003	mg/g	alpha-Pinene	1.36	0.001	0.003	mg/g
alpha-Terpinene	< LOQ	0.001	0.003	mg/g	alpha-Thujone	< LOQ	0.001	0.003	mg/g
A-Terpineol	< LOQ	0.001	0.003	mg/g	beta-Caryophyllene	6.12	0.001	0.003	mg/g
beta-Myrcene	23.66	0.001	0.003	mg/g	beta-Pinene	1.73	0.001	0.003	mg/g
Camphene	< LOQ	0.001	0.003	mg/g	Camphor	< LOQ	0.001	0.003	mg/g
Carvacrol	< LOQ	0.001	0.003	mg/g	Carvone	< LOQ	0.001	0.003	mg/g
Caryophyllene Oxide	2.37	0.001	0.003	mg/g	Cedrol	< LOQ	0.001	0.003	mg/g
Cis-beta-Farnesene	< LOQ	0.001	0.003	mg/g	Cis-beta-Ocimene	< LOQ	0.001	0.003	mg/g
cis-Nerolidol	< LOQ	0.001	0.003	mg/g	Citral	< LOQ	0.001	0.003	mg/g
Citronellol	< LOQ	0.001	0.003	mg/g	Endo-fenchyl alcohol	< LOQ	0.001	0.003	mg/g
Eucalyptol	< LOQ	0.001	0.003	mg/g	Farnesol 1	< LOQ	0.001	0.003	mg/g
Farnesol 2	< LOQ	0.001	0.003	mg/g	gamma-Terpinene	3.03	0.001	0.003	mg/g
Geraniol	< LOQ	0.001	0.003	mg/g	Geranyl acetate	< LOQ	0.001	0.003	mg/g
Guaiol	11.74	0.001	0.003	mg/g	Isoborneol	< LOQ	0.001	0.003	mg/g
Isobornyl Acetate	< LOQ	0.001	0.003	mg/g	Isopulegol	< LOQ	0.001	0.003	mg/g
Limonene	5.06	0.001	0.003	mg/g	Linalool	9.09	0.001	0.003	mg/g
Menthol	< LOQ	0.001	0.003	mg/g	Menthone	< LOQ	0.001	0.003	mg/g
Nootkatone	< LOQ	0.001	0.003	mg/g	Octyl Acetate	< LOQ	0.001	0.003	mg/g
p-Cymene	< LOQ	0.001	0.003	mg/g	Phytane	< LOQ	0.001	0.003	mg/g
Piperitone	< LOQ	0.001	0.003	mg/g	Pulegone	< LOQ	0.001	0.003	mg/g
Sabinene	< LOQ	0.001	0.003	mg/g	Sabinene hydrate	< LOQ	0.001	0.003	mg/g
Safranal	< LOQ	0.001	0.003	mg/g	Squalene	< LOQ	0.001	0.003	mg/g
Terpinen-4-ol	< LOQ	0.001	0.003	mg/g	Terpinolene	< LOQ	0.001	0.003	mg/g
Thymol	< LOQ	0.001	0.003	mg/g	trans-beta-Farnesene	3.55	0.001	0.003	mg/g
trans-beta-Ocimene	2.84	0.001	0.003	mg/g	trans-Nerolidol	< LOQ	0.001	0.003	mg/g
Valencene	< LOQ	0.001	0.003	mg/g	Verbenone	< LOQ	0.001	0.003	mg/g
Total Terpenes	**73.4**	**0.001**	**0.003**	mg/g					

ND - Compound not detected, <LOQ - Results below the Limit of Quantitation
Terpenes are not Accredited by ORELAP to TNI 2016

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RNA AK-47

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Test ID: 5025244
Source ID:
Date Sampled: 06/17/23 **Date Accepted:** 06/17/23

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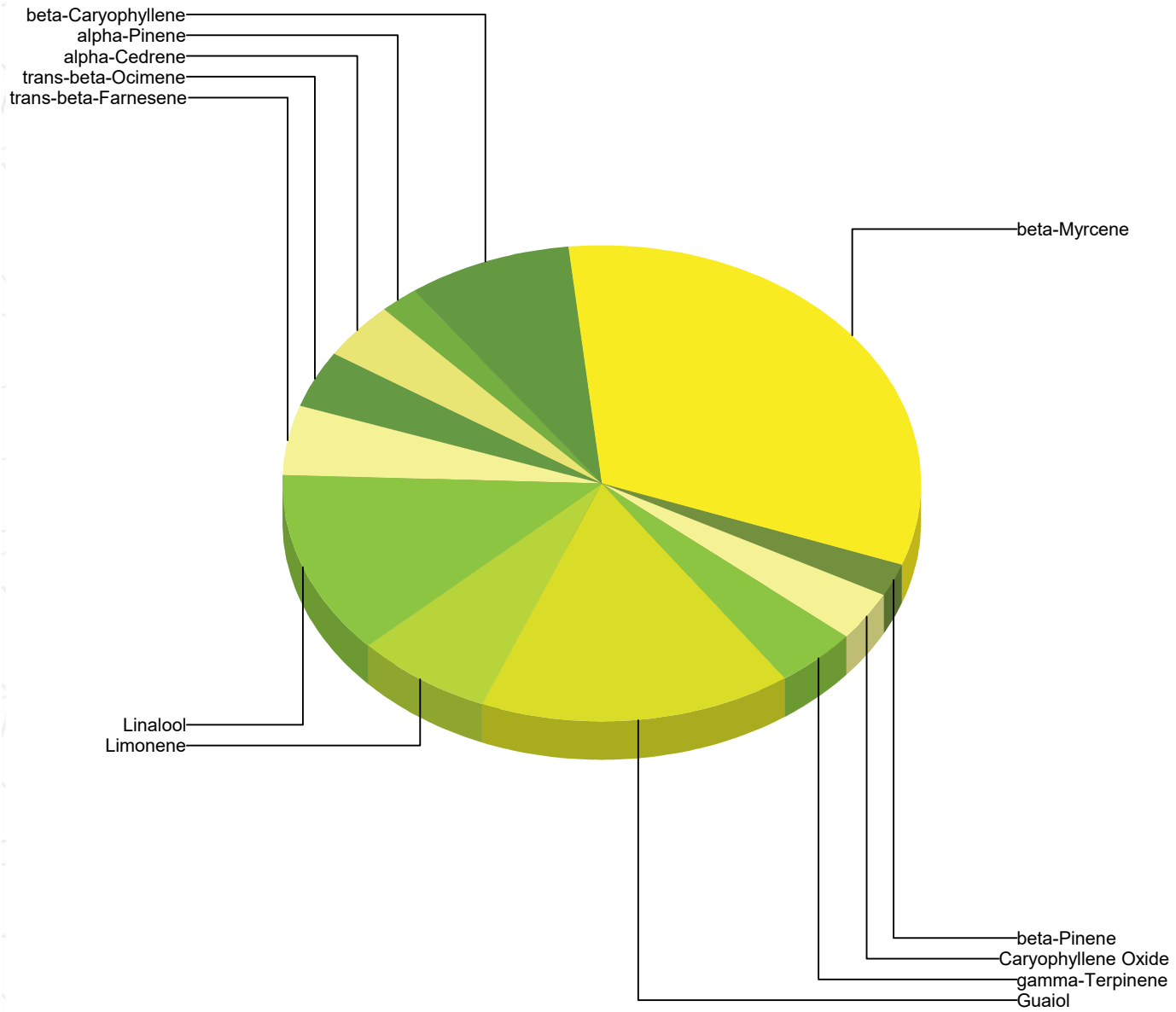
Terpene Profile



Percentage of Total Terpenes Identified

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RNA AK-47

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Test ID: 5025244
Source ID:
Date Sampled: 06/17/23 **Date Accepted:** 06/17/23

Eskerium LLC
testing@eskerium.com

Pesticide Analysis by LCMSMS and GCMSMS

Date/Time Extracted: 06/17/23 15:11
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		Acetamiprid	< LOQ	0.2		0.1	ppm	
Aldicarb	< LOQ	0.4		0.1	ppm		Azoxystrobin	< LOQ	0.2		0.1	ppm	
Bifenazate	< LOQ	0.2		0.1	ppm		Bifenthrin	< LOQ	0.2		0.1	ppm	
Boscalid	< LOQ	0.4		0.1	ppm		Carbaryl	< LOQ	0.2		0.1	ppm	
Carbofuran	< LOQ	0.2		0.1	ppm		Chlorantraniliprole	< LOQ	0.2		0.1	ppm	
Chlorfenapyr	< LOQ	1		0.1	ppm		Chlorpyrifos	< LOQ	0.2		0.1	ppm	
Clofentezine	< LOQ	0.2		0.1	ppm		Cyfluthrin	< LOQ	1		0.5	ppm	
Cypermethrin	< LOQ	1		0.5	ppm		Daminozide	< LOQ	1		0.5	ppm	
DDVP (Dichlorvos)	< LOQ	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		Flonicamid	< LOQ	1		0.1	ppm	
Fludioxonil	< LOQ	0.4		0.1	ppm		Hexythiazox	< LOQ	1		0.1	ppm	
Imazalil	< LOQ	0.2		0.1	ppm		Imidacloprid	< LOQ	0.4		0.1	ppm	
Kresoxim-methyl	< LOQ	0.4		0.1	ppm		Malathion	< LOQ	0.2		0.1	ppm	
Metalaxyl	< LOQ	0.2		0.1	ppm		Methiocarb	< LOQ	0.2		0.1	ppm	
Methomyl	< LOQ	0.4		0.1	ppm		Methyl parathion	< LOQ	0.2		0.1	ppm	
MGK-264	< LOQ	0.2		0.1	ppm		Myclobutanil	< LOQ	0.2		0.1	ppm	
Naled	< LOQ	0.5		0.1	ppm		Oxamyl	< LOQ	1		0.1	ppm	
Paclobutrazol	< LOQ	0.4		0.1	ppm		Permethrins	< LOQ	0.2		0.1	ppm	
Phosmet	< LOQ	0.2		0.1	ppm		Piperonyl butoxide	< LOQ	2		0.9	ppm	
Prallethrin	< LOQ	0.2		0.1	ppm		Propiconazole	< LOQ	0.4		0.1	ppm	
Propoxur	< LOQ	0.2		0.1	ppm		Pyrethrins	< LOQ	1		0.5	ppm	
Pyridaben	< LOQ	0.2		0.1	ppm		Spinosad	< LOQ	0.2		0.1	ppm	
Spiromesifen	< LOQ	0.2		0.1	ppm		Spirotetramat	< LOQ	0.2		0.1	ppm	
Spiroxamine	< LOQ	0.4		0.1	ppm		Tebuconazole	< LOQ	0.4		0.1	ppm	
Thiacloprid	< LOQ	0.2		0.1	ppm		Thiamethoxam	< LOQ	0.2		0.1	ppm	
Trifloxystrobin	< LOQ	0.2		0.1	ppm								

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

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Source ID:
Date Sampled: 06/17/23 **Date Accepted:** 06/17/23

Eskerium LLC
testing@eskerium.com

Residual Solvents by GCMS-HS

Date/Time Extracted: 06/19/23 11:47 **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	2124	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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Quality Control

Potency

Batch: 2325003 - 215-Concentrates

Blank(2325003-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		06/19/23 10:55	06/19/23 17:52	
delta 9-THC	< LOQ	0.0005	%		06/19/23 10:55	06/19/23 17:52	
delta 8-THC	< LOQ	0.0934	%		06/19/23 10:55	06/19/23 17:52	
THCV	< LOQ	0.1052	%		06/19/23 10:55	06/19/23 17:52	
THCVA	< LOQ	0.0392	%		06/19/23 10:55	06/19/23 17:52	
CBD	< LOQ	0.0005	%		06/19/23 10:55	06/19/23 17:52	
CBDA	< LOQ	0.0005	%		06/19/23 10:55	06/19/23 17:52	
CBDV	< LOQ	0.1040	%		06/19/23 10:55	06/19/23 17:52	
CBDVA	< LOQ	0.0341	%		06/19/23 10:55	06/19/23 17:52	
CBN	< LOQ	0.0622	%		06/19/23 10:55	06/19/23 17:52	
CBG	< LOQ	0.0164	%		06/19/23 10:55	06/19/23 17:52	
CBGA	< LOQ	0.0164	%		06/19/23 10:55	06/19/23 17:52	
CBC	< LOQ	0.0186	%		06/19/23 10:55	06/19/23 17:52	

Reference(2325003-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.9	0.0002	%	90-110	06/19/23 10:55	06/19/23 18:15	
delta 9-THC	102	0.0002	%	90-110	06/19/23 10:55	06/19/23 18:15	
delta 8-THC	95.7	0.0463	%	90-110	06/19/23 10:55	06/19/23 18:15	
CBD	109	0.0002	%	90-110	06/19/23 10:55	06/19/23 18:15	
CBDA	95.1	0.0002	%	90-110	06/19/23 10:55	06/19/23 18:15	

Pesticide Analysis

Batch: 2324119 - 202

Blank(2324119-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Acephate	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Acequinocyl	< LOQ	0.5	ppm		06/17/23 15:11	06/19/23 17:20	
Acetamiprid	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Aldicarb	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Azoxystrobin	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Bifenazate	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Bifenthrin	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Boscalid	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Carbaryl	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Carbofuran	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Chlorantraniliprole	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Chlorfenapyr	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	

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Quality Control

Pesticide Analysis (Continued)

Batch: 2324119 - 202 (Continued)

Blank(2324119-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Clofentezine	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Daminozide	< LOQ	0.5	ppm		06/17/23 15:11	06/19/23 17:20	
Cyfluthrin	< LOQ	0.5	ppm		06/17/23 15:11	06/19/23 17:18	
Diazinon	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Cypermethrin	< LOQ	0.5	ppm		06/17/23 15:11	06/19/23 17:18	
Dimethoate	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Ethoprophos	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Etofenprox	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Etoxazole	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Fenoxycarb	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Fenpyroximate	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Flonicamid	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Hexythiazox	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Imazalil	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Fipronil	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Imidacloprid	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Fludioxonil	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Metalaxyl	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Methiocarb	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Methomyl	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Myclobutanil	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Kresoxim-methyl	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Naled	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Malathion	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Oxamyl	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Paclobutrazol	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Permethrins	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Methyl parathion	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
MGK-264	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Phosmet	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Piperonyl butoxide	< LOQ	0.9	ppm		06/17/23 15:11	06/19/23 17:20	
Prallethrin	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Propoxur	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Pyrethrins	< LOQ	0.5	ppm		06/17/23 15:11	06/19/23 17:20	
Pyridaben	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Propiconazole	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:18	
Spinosad	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	

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Quality Control

Pesticide Analysis (Continued)

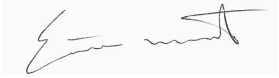
Batch: 2324119 - 202 (Continued)

Blank(2324119-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Spirotetramat	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Spiroxamine	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Tebuconazole	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Thiacloprid	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Thiamethoxam	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
Trifloxystrobin	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	
DDVP (Dichlorvos)	< LOQ	0.1	ppm		06/17/23 15:11	06/19/23 17:20	

LCS(2324119-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	54.9	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Acephate	103	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Acequinocyl	87.7	0.5	ppm	40-160	06/17/23 15:11	06/19/23 17:43	
Acetamiprid	100	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Aldicarb	93.8	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Azoxystrobin	98.6	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Bifenazate	102	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Bifenthrin	101	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Boscalid	60.5	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Carbaryl	95.5	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Carbofuran	96.4	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Chlorantraniliprole	89.3	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Chlorfenapyr	109	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Chlorpyrifos	73.9	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Clofentezine	92.0	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Cypermethrin	98.9	0.5	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Daminozide	149	0.5	ppm	60-120	06/17/23 15:11	06/19/23 17:43	BSH
Cyfluthrin	77.8	0.5	ppm	50-150	06/17/23 15:11	06/19/23 17:40	
Diazinon	92.8	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Cypermethrin	99.0	0.5	ppm	50-150	06/17/23 15:11	06/19/23 17:40	
Dimethoate	94.3	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Ethoprophos	95.4	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Etofenprox	93.7	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Etoxazole	92.3	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Fenoxycarb	101	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Fenpyroximate	104	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Flonicamid	126	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	BSH
Hexythiazox	80.0	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	



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Chief Science Officer - 6/21/2023

Quality Control

Pesticide Analysis (Continued)

Batch: 2324119 - 202 (Continued)

LCS(2324119-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Imazalil	84.3	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Fipronil	74.4	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Imidacloprid	127	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	BSH
Fludioxonil	85.0	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:40	
Metalaxyl	98.5	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Methiocarb	108	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Methomyl	110	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Myclobutanil	103	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Kresoxim-methyl	102	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Naled	103	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Malathion	90.2	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Oxamyl	98.8	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Paclobutrazol	106	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Permethrins	114	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Methyl parathion	67.1	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:40	
MGK-264	95.2	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:40	
Phosmet	106	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Piperonyl butoxide	276	0.9	ppm	60-120	06/17/23 15:11	06/19/23 17:43	BSH
Prallethrin	108	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Propoxur	97.7	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Pyrethrins	87.5	0.5	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Pyridaben	102	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Propiconazole	83.8	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:40	
Spinosad	94.0	0.1	ppm	50-150	06/17/23 15:11	06/19/23 17:43	
Spiromesifen	82.0	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Spirotetramat	105	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Spiroxamine	91.8	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Tebuconazole	89.9	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Thiacloprid	105	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Thiamethoxam	108	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
Trifloxystrobin	96.1	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	
DDVP (Dichlorvos)	110	0.1	ppm	60-120	06/17/23 15:11	06/19/23 17:43	

Solvent Analysis

Batch: 2325004 - 205

Blank(2325004-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	

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Quality Control

Solvent Analysis (Continued)

Batch: 2325004 - 205 (Continued)

Blank(2325004-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetonitrile	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
Benzene	< LOQ	1.000	ppm		06/19/23 11:47	06/20/23 08:59	
Butanes	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
2-Butanol	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Cumene	< LOQ	35.00	ppm		06/19/23 11:47	06/20/23 08:59	
Cyclohexane	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
Dichloromethane	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
1,4-Dioxane	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
2-Ethoxyethanol	< LOQ	80.00	ppm		06/19/23 11:47	06/20/23 08:59	
Ethyl acetate	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Ethyl benzene	< LOQ	35.00	ppm		06/19/23 11:47	06/20/23 08:59	
Ethylene glycol	< LOQ	310.0	ppm		06/19/23 11:47	06/20/23 08:59	
Ethylene oxide	< LOQ	25.00	ppm		06/19/23 11:47	06/20/23 08:59	
Ethyl ether	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Heptane	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Hexanes	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
Isopropyl acetate	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Methanol	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Pentanes	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Propane	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
2-Propanol (IPA)	< LOQ	1000	ppm		06/19/23 11:47	06/20/23 08:59	
Tetrahydrofuran	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
Toluene	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	
Xylenes	< LOQ	50.00	ppm		06/19/23 11:47	06/20/23 08:59	

LCS(2325004-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	104	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Acetonitrile	103	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Benzene	108	1.000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Butanes	97.9	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
2-Butanol	104	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Cumene	116	35.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Cyclohexane	108	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Dichloromethane	100	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
1,4-Dioxane	119	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
2-Ethoxyethanol	113	80.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Ethyl acetate	107	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Ethyl benzene	122	35.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	BSH

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Quality Control

Solvent Analysis (Continued)

Batch: 2325004 - 205 (Continued)

LCS(2325004-BS1)

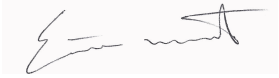
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene glycol	139	310.0	ppm	60-120	06/19/23 11:47	06/19/23 14:32	BSH
Ethylene oxide	92.9	25.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Ethyl ether	93.2	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Heptane	97.9	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Hexanes	94.9	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Isopropyl acetate	105	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Methanol	97.0	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Pentanes	92.3	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Propane	105	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
2-Propanol (IPA)	96.7	1000	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Tetrahydrofuran	100	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	
Toluene	117	50.00	ppm	60-120	06/19/23 11:47	06/19/23 14:32	

Terpene Analysis

Batch: 2325003 - 215-Concentrates

Blank(2325003-BLK2)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Camphene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Camphor	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
3-Carene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
beta-Caryophyllene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Caryophyllene Oxide	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
alpha-Cedrene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Cedrol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Endo-fenchyl alcohol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Eucalyptol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Geraniol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Geranyl acetate	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Guaiol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
alpha-Humulene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Isoborneol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Isopulegol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Limonene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Linalool	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
beta-Myrcene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
trans-Nerolidol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
alpha-Pinene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	



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Quality Control

Terpene Analysis (Continued)

Batch: 2325003 - 215-Concentrates (Continued)

Blank(2325003-BLK2)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Pinene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Pulegone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Sabinene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Sabinene hydrate	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
gamma-Terpinene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
alpha-Terpinene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Terpinolene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Valencene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Verbenone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
trans-beta-Farnesene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
A-Terpineol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
cis-Nerolidol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Thymol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Terpinen-4-ol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Squalene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Safranal	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Piperitone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Phytane	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
p-Cymene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Octyl Acetate	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Nootkatone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Menthone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Menthol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Isobornyl Acetate	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Farnesol 1	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Carvone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
alpha-Thujone	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Alpha-Phellandrene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
(+)-Bomeol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
(-)-Bomeol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Carvacrol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
trans-beta-Ocimene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Cis-beta-Ocimene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Citral	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Citronellol	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Farnesol 2	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	
Cis-beta-Farnesene	< LOQ	0.00025	%		06/19/23 10:55	06/20/23 23:47	

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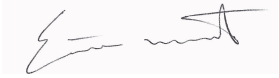
Quality Control

Terpene Analysis (Continued)

Batch: 2325003 - 215-Concentrates (Continued)

Reference(2325003-SRM2)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	43.6	0.0001	%	0-130	06/19/23 10:55	06/21/23 00:05	
beta-Caryophyllene	94.2	0.0001	%	70-130	06/19/23 10:55	06/21/23 00:05	
Limonene	62.4	0.0001	%	70-130	06/19/23 10:55	06/21/23 00:05	
beta-Myrcene	56.4	0.0001	%	70-130	06/19/23 10:55	06/21/23 00:05	



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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. Results do not include uncertainty of measurements. Available upon request.

ATM	Non-cannabis matrix related interference or suppression of Internal standard
BLI	Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
BLK	Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed
C	manually for all samples.
CBD	Interference due to co-elution
CV1	CBD matrix interference on GC Pest chromatography
CV2	CCV was above acceptance criteria, Non-detect samples are considered acceptable.
INF	CCV was below acceptance criteria, sample still exceeds regulatory limit.
ISH	One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISL	Internal Standard concentration is above acceptance criteria.
MSH	Internal Standard concentration is below acceptance criteria.
MSI	Matrix Spike High - Matrix Spike recovery above method limits.
MSL	Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting
TPP	recovery accuracy in Matrix Spike.
U	Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
	Internal Standard concentration outside control limit due to matrix interference

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Chief Science Officer - 6/21/2023