



Blueberry D8 Vape

Sample ID: G4E0332-05 Matrix: Hemp Extracts & Concentrates
Test ID: 5027538
Source ID:
Date Sampled: 05/30/24 Date Accepted: 05/30/24

Red Queen Extracts LLC

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 86.12 % **PASS**

Pesticides : **PASS**

Residual Solvent Analysis : **PASS**



Nolan Mundie
Lab Director - 6/5/2024



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Test ID: 5027538
Source ID:
Date Sampled: 05/30/24 Date Accepted: 05/30/24

Red Queen Extracts LLC

Potency Analysis

Date/Time Extracted: 05/31/24 10:32 Analysis Method/SOP: 215 Batch Identification: 2422048

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	86.12	861.2	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Cannabinoids		86.12	861.2	

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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Blueberry D8 Vape

Sample ID: G4E0332-05

Matrix: Hemp Extracts & Concentrates

Test ID: 5027538

Source ID:

Date Sampled: 05/30/24

Date Accepted: 05/30/24

Red Queen Extracts LLC

Pesticide Analysis in ppm

Date/Time Extracted: 05/30/24 14:59

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 - 6/5/2024

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Test ID: 5027538
Source ID:
Date Sampled: 05/30/24 Date Accepted: 05/30/24

Red Queen Extracts LLC

Residual Solvents

Date/Time Extracted: 05/31/24 10:11

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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Quality Control Potency

Batch: 2422048 - 215-Concentrates

Blank(2422048-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		05/31/24 10:32	05/31/24 17:49	
delta 9-THC	< LOQ	0.0005	%		05/31/24 10:32	05/31/24 17:49	
delta 8-THC	< LOQ	0.0934	%		05/31/24 10:32	05/31/24 17:49	
THCV	< LOQ	0.1052	%		05/31/24 10:32	05/31/24 17:49	
THCVA	< LOQ	0.0392	%		05/31/24 10:32	05/31/24 17:49	
CBD	< LOQ	0.0005	%		05/31/24 10:32	05/31/24 17:49	
CBDA	< LOQ	0.0005	%		05/31/24 10:32	05/31/24 17:49	
CBDV	< LOQ	0.1040	%		05/31/24 10:32	05/31/24 17:49	
CBDVA	< LOQ	0.0341	%		05/31/24 10:32	05/31/24 17:49	
CBN	< LOQ	0.0622	%		05/31/24 10:32	05/31/24 17:49	
CBG	< LOQ	0.0164	%		05/31/24 10:32	05/31/24 17:49	
CBGA	< LOQ	0.0164	%		05/31/24 10:32	05/31/24 17:49	
CBC	< LOQ	0.0186	%		05/31/24 10:32	05/31/24 17:49	

Reference(2422048-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	106	0.00005	%	90-110	05/31/24 10:32	05/31/24 18:12	
delta 9-THC	107	0.00005	%	90-110	05/31/24 10:32	05/31/24 18:12	
delta 8-THC	104	0.0089	%	90-110	05/31/24 10:32	05/31/24 18:12	
CBD	109	0.00005	%	90-110	05/31/24 10:32	05/31/24 18:12	
CBDA	107	0.00005	%	90-110	05/31/24 10:32	05/31/24 18:12	

Pesticide Analysis

Batch: 2422039 - 202

Blank(2422039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Acephate	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Acequinocyl	< LOQ	0.42	ppm		05/30/24 14:59	05/31/24 15:54	
Acetamiprid	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Aldicarb	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Azoxystrobin	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Bifenazate	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Bifenthrin	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Boscalid	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Carbaryl	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Carbofuran	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Chlorantraniliprole	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Chlorfenapyr	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	



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Quality Control Pesticide Analysis (Continued)

Batch: 2422039 - 202 (Continued)

Blank(2422039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Chlorpyrifos	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Clofentezine	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Daminozide	< LOQ	0.42	ppm		05/30/24 14:59	05/31/24 15:54	
Cyfluthrin	< LOQ	0.42	ppm		05/30/24 14:59	05/31/24 13:53	
Diazinon	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Cypermethrin	< LOQ	0.42	ppm		05/30/24 14:59	05/31/24 13:53	
Dimethoate	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Ethoprophos	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Etofenprox	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Etoxazole	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Fenoxycarb	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Fenpyroximate	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Fonicamid	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Hexythiazox	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Imazalil	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Fipronil	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Imidacloprid	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Fludioxonil	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Metalaxyl	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Methiocarb	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Methomyl	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Myclobutanil	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Kresoxim-methyl	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Naled	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Malathion	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Oxamyl	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Paclobutrazol	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Permethrins	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Methyl parathion	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
MGK-264	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Phosmet	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Piperonyl butoxide	< LOQ	0.78	ppm		05/30/24 14:59	05/31/24 15:54	
Prallethrin	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Propoxur	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Pyrethrins	< LOQ	0.42	ppm		05/30/24 14:59	05/31/24 15:54	
Pyridaben	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Propiconazole	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 13:53	
Spinosad	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	



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Quality Control Pesticide Analysis (Continued)

Batch: 2422039 - 202 (Continued)

Blank(2422039-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Spiromesifen	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Spirotetramat	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Spiroxamine	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Tebuconazole	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Thiacloprid	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Thiamethoxam	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
Trifloxystrobin	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	
DDVP (Dichlorvos)	< LOQ	0.09	ppm		05/30/24 14:59	05/31/24 15:54	

LCS(2422039-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	97.7	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Acephate	90.8	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Acequinocyl	105	0.48	ppm	40-160	05/30/24 14:59	05/31/24 16:20	
Acetamiprid	112	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Aldicarb	110	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Azoxystrobin	110	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Bifenazate	108	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Bifenthrin	119	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Boscalid	69.4	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	
Carbaryl	111	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Carbofuran	109	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Chlorantraniliprole	108	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Chlorfenapyr	142	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	BSH
Chlorpyrifos	93.1	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Clofentezine	104	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Daminozide	156	0.48	ppm	60-120	05/30/24 14:59	05/31/24 16:20	BSH
Cyfluthrin	92.3	0.48	ppm	50-150	05/30/24 14:59	05/31/24 14:15	
Diazinon	105	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Cypermethrin	96.4	0.48	ppm	50-150	05/30/24 14:59	05/31/24 14:15	
Dimethoate	107	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Ethoprophos	106	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Etofenprox	105	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Etoxazole	109	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Fenoxycarb	106	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Fenpyroximate	110	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Fonicamid	115	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Hexythiazox	96.4	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Imazalil	106	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	



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Quality Control Pesticide Analysis (Continued)

Batch: 2422039 - 202 (Continued)

LCS(2422039-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Fipronil	107	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	
Imidacloprid	117	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Fludioxonil	90.0	0.10	ppm	50-150	05/30/24 14:59	05/31/24 14:15	
Metalaxyl	111	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Methiocarb	113	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Methomyl	110	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Myclobutanil	108	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Kresoxim-methyl	103	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	
Naled	112	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Malathion	114	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	
Oxamyl	111	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Paclobutrazol	109	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Permethrins	107	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Methyl parathion	69.8	0.10	ppm	50-150	05/30/24 14:59	05/31/24 14:15	
MGK-264	107	0.10	ppm	50-150	05/30/24 14:59	05/31/24 14:15	
Phosmet	110	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Piperonyl butoxide	104	0.90	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Prallethrin	120	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Propoxur	108	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Pyrethrins	91.6	0.48	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Pyridaben	111	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Propiconazole	115	0.10	ppm	60-120	05/30/24 14:59	05/31/24 14:15	
Spinosad	94.4	0.10	ppm	50-150	05/30/24 14:59	05/31/24 16:20	
Spiromesifen	106	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Spirotetramat	115	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Spiroxamine	107	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Tebuconazole	103	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Thiacloprid	111	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Thiamethoxam	115	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
Trifloxystrobin	110	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	
DDVP (Dichlorvos)	101	0.10	ppm	60-120	05/30/24 14:59	05/31/24 16:20	

Solvent Analysis

Batch: 2422045 - 205

Blank(2422045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Acetonitrile	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	



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Quality Control Solvent Analysis (Continued)

Batch: 2422045 - 205 (Continued)

Blank(2422045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Benzene	< LOQ	1.000	ppm		05/31/24 10:11	06/03/24 10:04	
Butanes	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
2-Butanol	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Cumene	< LOQ	35.00	ppm		05/31/24 10:11	06/03/24 10:04	
Cyclohexane	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
Dichloromethane	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
1,4-Dioxane	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
2-Ethoxyethanol	< LOQ	80.00	ppm		05/31/24 10:11	06/03/24 10:04	
Ethyl acetate	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Ethyl benzene	< LOQ	35.00	ppm		05/31/24 10:11	06/03/24 10:04	
Ethylene glycol	< LOQ	310.0	ppm		05/31/24 10:11	06/03/24 10:04	
Ethylene oxide	< LOQ	25.00	ppm		05/31/24 10:11	06/03/24 10:04	
Ethyl ether	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Heptane	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Hexanes	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
Isopropyl acetate	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Methanol	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Pentanes	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Propane	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
2-Propanol (IPA)	< LOQ	1000	ppm		05/31/24 10:11	06/03/24 10:04	
Tetrahydrofuran	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
Toluene	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	
Xylenes	< LOQ	50.00	ppm		05/31/24 10:11	06/03/24 10:04	

LCS(2422045-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Acetone	85.0	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Acetonitrile	83.1	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Benzene	83.3	1.000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Butanes	78.5	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
2-Butanol	82.8	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Cumene	54.0	35.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	BSL
Cyclohexane	85.2	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Dichloromethane	86.1	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
1,4-Dioxane	70.6	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
2-Ethoxyethanol	67.3	80.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Ethyl acetate	85.5	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Ethyl benzene	67.6	35.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Ethylene glycol	67.3	310.0	ppm	60-120	05/31/24 10:11	06/01/24 10:32	



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Quality Control Solvent Analysis (Continued)

Batch: 2422045 - 205 (Continued)

LCS(2422045-BS1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Ethylene oxide	88.7	25.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Ethyl ether	86.2	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Heptane	90.1	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Hexanes	85.6	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Isopropyl acetate	83.8	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Methanol	84.8	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Pentanes	82.0	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Propane	69.0	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
2-Propanol (IPA)	86.6	1000	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Tetrahydrofuran	87.1	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	
Toluene	77.5	50.00	ppm	60-120	05/31/24 10:11	06/01/24 10:32	



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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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