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

Quality Control Testing Official Report

Gumptions (Soft Gummy) 30mg D8 Gummy

Sample ID: G4E0332-07 **Matrix:** Hemp Products
Test ID: 5027540
Source ID:
Date Sampled: 05/30/24 **Date Accepted:** 05/30/24

Red Queen Extracts LLC
[redacted]

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : <LOQ (0.0005%) %

delta 8-THC : 0.9390 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

Quality Control Testing Official Report

Gumptions (Soft Gummy) 30mg D8 Gummy

Sample ID: G4E0332-07 **Matrix:** Hemp Products
Test ID: 5027540
Source ID:
Date Sampled: 05/30/24 **Date Accepted:** 05/30/24

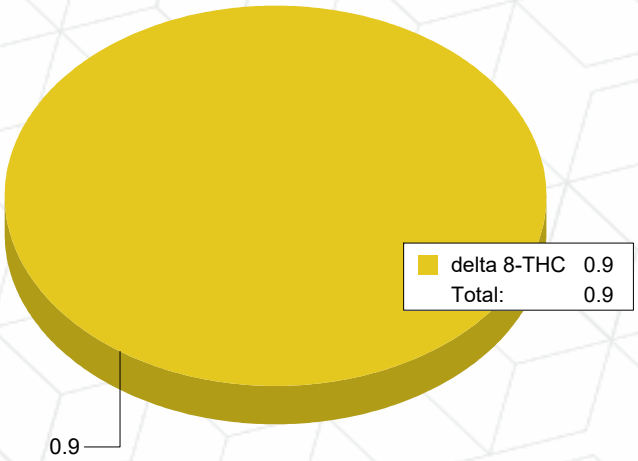
Red Queen Extracts LLC
[redacted]

Potency Analysis

Date/Time Extracted: 05/31/24 09:53 **Analysis Method/SOP: 215** **Batch Identification: 2422043**

Cannabinoids	LOQ (%)	mg/g
Total THC	0.0005	< LOQ
Total CBD	0.0005	< LOQ
THCA	0.0005	< LOQ
delta 9-THC	0.0005	< LOQ
delta 8-THC	0.0192	9.39
THCV	0.0150	< LOQ
THCVA	0.0224	< LOQ
CBD	0.0005	< LOQ
CBDA	0.0005	< LOQ
CBDV	0.0154	< LOQ
CBDVA	0.0212	< LOQ
CBN	0.0138	< LOQ
CBG	0.0161	< LOQ
CBGA	0.0213	< LOQ
CBC	0.0202	< LOQ

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

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

Quality Control Testing Official Report

Gumptions (Soft Gummy) 30mg D8 Gummy

Sample ID: G4E0332-07 **Matrix:** Hemp Products
Test ID: 5027540
Source ID:
Date Sampled: 05/30/24 **Date Accepted:** 05/30/24

Red Queen Extracts LLC
[redacted]

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		Acetamiprid	< 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		Flonicamid	< 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.

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

Quality Control Testing Official Report

Gumptions (Soft Gummy) 30mg D8 Gummy

Sample ID: G4E0332-07 **Matrix:** Hemp Products
Test ID: 5027540
Source ID:
Date Sampled: 05/30/24 **Date Accepted:** 05/30/24

Red Queen Extracts LLC
[redacted]

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.

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

Quality Control Testing
Official Report

Quality Control

Potency

Batch: 2422043 - 215-Products

Blank(2422043-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0019	%		05/31/24 09:53	05/31/24 14:35	
delta 9-THC	< LOQ	0.0019	%		05/31/24 09:53	05/31/24 14:35	
delta 8-THC	< LOQ	0.0729	%		05/31/24 09:53	05/31/24 14:35	
THCV	< LOQ	0.0569	%		05/31/24 09:53	05/31/24 14:35	
THCVA	< LOQ	0.0851	%		05/31/24 09:53	05/31/24 14:35	
CBD	< LOQ	0.0019	%		05/31/24 09:53	05/31/24 14:35	
CBDA	< LOQ	0.0019	%		05/31/24 09:53	05/31/24 14:35	
CBDV	< LOQ	0.0585	%		05/31/24 09:53	05/31/24 14:35	
CBDVA	< LOQ	0.0803	%		05/31/24 09:53	05/31/24 14:35	
CBN	< LOQ	0.0525	%		05/31/24 09:53	05/31/24 14:35	
CBG	< LOQ	0.0611	%		05/31/24 09:53	05/31/24 14:35	
CBGA	< LOQ	0.0810	%		05/31/24 09:53	05/31/24 14:35	
CBC	< LOQ	0.0767	%		05/31/24 09:53	05/31/24 14:35	

Reference(2422043-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.8	0.0048	%	90-110	05/31/24 09:53	05/31/24 14:58	
delta 9-THC	98.1	0.0048	%	90-110	05/31/24 09:53	05/31/24 14:58	
delta 8-THC	96.3	0.1855	%	90-110	05/31/24 09:53	05/31/24 14:58	
CBD	97.5	0.0048	%	90-110	05/31/24 09:53	05/31/24 14:58	
CBDA	98.3	0.0048	%	90-110	05/31/24 09:53	05/31/24 14:58	

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	

QUALITY MANAGEMENT SYSTEM
ISO 17025
ACCREDITED
LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

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	
Flonicamid	< 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	

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

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	
Flonicamid	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	

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

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	

QUALITY MANAGEMENT SYSTEM
ISO 17025
ACCREDITED
LABORATORY

Nolan Mundie
Lab Director - 6/5/2024

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

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	

Nolan Mundie
Lab Director - 6/5/2024

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

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	

Nolan Mundie
Lab Director - 6/5/2024

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

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
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

ISO 17025 ACCREDITED LABORATORY

Nolan Mundie
Lab Director - 6/5/2024