



Green Leaf Lab®

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

**Regulatory Compliance Testing
(OAR-333-007)
Official Report**

Purple Hindu Kush

Sample ID: G9K0391-01 Matrix: Useable Marijuana

Test ID: 1A401030000F105000003348

Source ID: 1A401030000F105000003347

Date Sampled: 11/15/19

Date Accepted: 11/15/19

Harvest/Prod. Date: 10/10/19

Epic Family Farms

Results at a Glance

Total THC : 18.42 %

Total CBD : <LOQ (0.0116% dry) %

Pesticides : PASS

Water Activity : 0.44 PASS

Percent Moisture : 7.72 % PASS

Total Terpenes : 3.543 % PASS

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Purple Hindu Kush

Sample ID: G9K0391-01 Matrix: Useable Marijuana

Test ID: 1A401030000F105000003348

Source ID: 1A401030000F105000003347

Date Sampled: 11/15/19

Date Accepted: 11/15/19

Harvest/Prod. Date: 10/10/19

Epic Family Farms

Potency Analysis

Date/Time Extracted: 11/20/19 11:35

Analysis Method/SOP: 215

Batch Identification: 1947032

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile								
Total THC	0.0513	18.42	184.2	<table><tr><td>THCA</td><td>19.6</td></tr><tr><td>delta 9-THC</td><td>1.2</td></tr><tr><td>CBGA</td><td>0.6</td></tr><tr><td>Total:</td><td>21.5</td></tr></table>	THCA	19.6	delta 9-THC	1.2	CBGA	0.6	Total:	21.5
THCA	19.6											
delta 9-THC	1.2											
CBGA	0.6											
Total:	21.5											
Total CBD	0.0116	< LOQ	< LOQ									
THCA	0.0163	19.60	196									
delta 9-THC	0.0513	1.235	12.35									
delta 8-THC	0.0254	< LOQ	< LOQ									
Exo-THC	0.0225	< LOQ	< LOQ									
THCV	0.0285	< LOQ	< LOQ									
THCVA	0.0107	< LOQ	< LOQ									
CBD	0.0087	< LOQ	< LOQ									
CBDA	0.0116	< LOQ	< LOQ									
CBDV	0.0282	< LOQ	< LOQ									
CBDVA	0.0093	< LOQ	< LOQ									
CBN	0.0169	< LOQ	< LOQ									
CBG	0.0045	< LOQ	< LOQ									
CBGA	0.0045	0.6481	6.481									
CBC	0.0504	< LOQ	< LOQ									
Total Cannabinoids		21.48	214.8									

Water Activity

Date/Time Extracted: 11/20/19 13:36

Analysis Method/SOP: 102

Water Activity: 0.44 at 24°C

Moisture

Date/Time Extracted: 11/21/19 11:55

Analysis Method/SOP: 103

Moisture: 7.72 %

Potency Results are reported on a dry weight basis.

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Green Leaf Lab®

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

Regulatory Compliance Testing (OAR-333-007) Official Report

Purple Hindu Kush

Sample ID: G9K0391-01 Matrix: Useable Marijuana

Test ID: 1A401030000F105000003348

Source ID: 1A401030000F105000003347

Date Sampled: 11/15/19

Date Accepted: 11/15/19

Harvest/Prod. Date: 10/10/19

Epic Family Farms

Terpene Analysis

Date/Time Extracted: 11/20/19 11:35

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	0.02986	0.2986	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.1098	1.098
Eucalyptol	< LOQ	< LOQ	Fenchone	0.01401	0.1401
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	1.073	10.73
Linalool	0.2673	2.673	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.1628	1.628	Ocimene	0.09388	0.9388
alpha-Pinene	0.1745	1.745	beta-Pinene	0.1397	1.397
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.09293	0.9293
Terpinolene	0.01844	0.1844	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	0.1475	1.475
Borneol	0.01391	0.1391	Ocimene isomer II	0.07074	0.7074
Ocimene isomer I	0.02315	0.2315			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.06679	0.6679	beta-Caryophyllene	0.7375	7.375
Caryophyllene Oxide	0.02030	0.203	Guaiol	< LOQ	< LOQ
alpha-Humulene	0.1795	1.795	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.2946	2.946
Total Terpenes	3.543	35.43			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Green Leaf Lab®

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

Regulatory Compliance Testing (OAR-333-007) Official Report

Purple Hindu Kush

Sample ID: G9K0391-01 Matrix: Useable Marijuana

Test ID: 1A401030000F105000003348

Source ID: 1A401030000F105000003347

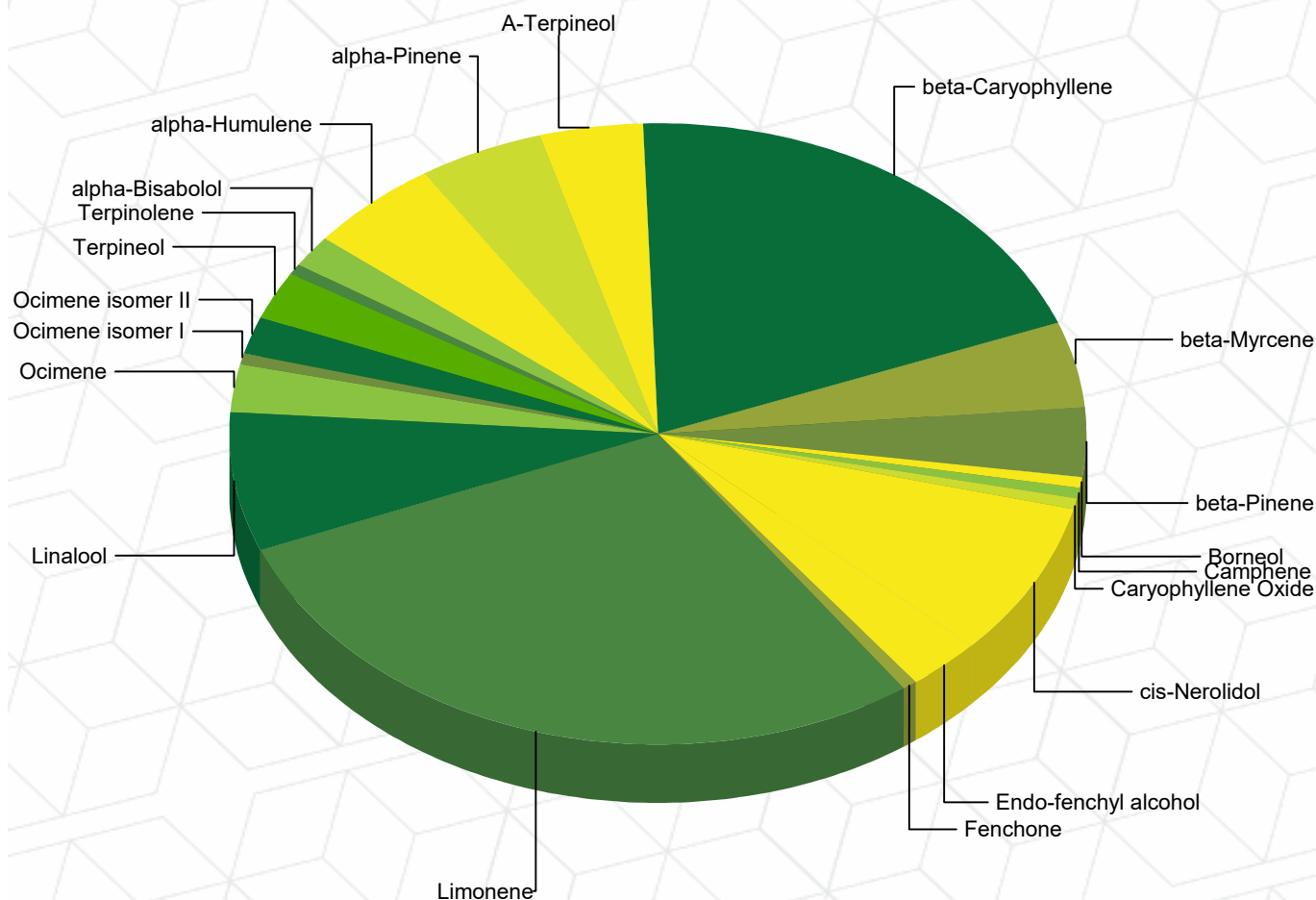
Date Sampled: 11/15/19

Date Accepted: 11/15/19

Harvest/Prod. Date: 10/10/19

Epic Family Farms

Terpene Profile



Percentage of Total Terpenes Identified

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Purple Hindu Kush

Sample ID: G9K0391-01 Matrix: Useable Marijuana

Test ID: 1A401030000F105000003348

Source ID: 1A401030000F105000003347

Date Sampled: 11/15/19

Date Accepted: 11/15/19

Harvest/Prod. Date: 10/10/19

Epic Family Farms

Pesticide Analysis in ppm

Date/Time Extracted: 11/21/19 09:49

Analysis Method/SOP: 203

Analyte	Result	Action Level	LOD	LOQ	Units	Analyte	Result	Action Level	LOD	LOQ	Units
Abamectin	< LOQ	0.5		0.04	ppm	Acephate	< LOQ	0.4		0.04	ppm
Acequinocyl	< LOQ	2		0.04	ppm	Acetamiprid	< LOQ	0.2		0.04	ppm
Aldicarb	< LOQ	0.4		0.04	ppm	Azoxystrobin	< LOQ	0.2		0.04	ppm
Bifenazate	< LOQ	0.2		0.04	ppm	Bifenthrin	< LOQ	0.2		0.04	ppm
Boscalid	< LOQ	0.4		0.04	ppm	Carbaryl	< LOQ	0.2		0.04	ppm
Carbofuran	< LOQ	0.2		0.04	ppm	Chlorantraniliprole	< LOQ	0.2		0.04	ppm
Chlorfenapyr	< LOQ	1		0.04	ppm	Chlorpyrifos	< LOQ	0.2		0.04	ppm
Clofentezine	< LOQ	0.2		0.04	ppm	Cyfluthrin	< LOQ	1		0.04	ppm
Cypermethrin	< LOQ	1		0.04	ppm	Daminozide	< LOQ	1		0.04	ppm
DDVP (Dichlorvos)	< LOQ	1		0.04	ppm	Diazinon	< LOQ	0.2		0.04	ppm
Dimethoate	< LOQ	0.2		0.04	ppm	Ethoprophos	< LOQ	0.2		0.04	ppm
Etofenprox	< LOQ	0.4		0.04	ppm	Etoxazole	< LOQ	0.2		0.04	ppm
Fenoxycarb	< LOQ	0.2		0.04	ppm	Fenpyroximate	< LOQ	0.4		0.04	ppm
Fipronil	< LOQ	0.4		0.04	ppm	Flonicamid	< LOQ	1		0.04	ppm
Fludioxonil	< LOQ	0.4		0.04	ppm	Hexythiazox	< LOQ	1		0.04	ppm
Imazalil	< LOQ	0.2		0.04	ppm	Imidacloprid	< LOQ	0.4		0.04	ppm
Kresoxim-methyl	< LOQ	0.4		0.04	ppm	Malathion	< LOQ	0.2		0.04	ppm
Metalaxyl	< LOQ	0.2		0.04	ppm	Methiocarb	< LOQ	0.2		0.04	ppm
Methomyl	< LOQ	0.4		0.04	ppm	Methyl parathion	< LOQ	0.2		0.04	ppm
MGK-264	< LOQ	0.2		0.04	ppm	Myclobutanil	< LOQ	0.2		0.04	ppm
Naled	< LOQ	0.5		0.04	ppm	Oxamyl	< LOQ	1		0.04	ppm
Paclobutrazol	< LOQ	0.4		0.04	ppm	Permethrins	< LOQ	0.2		0.04	ppm
Phosmet	< LOQ	0.2		0.04	ppm	Piperonyl butoxide	< LOQ	2		0.1	ppm
Prallethrin	< LOQ	0.2		0.04	ppm	Propiconazole	< LOQ	0.4		0.04	ppm
Propoxur	< LOQ	0.2		0.04	ppm	Pyrethrins	< LOQ	1		0.1	ppm
Pyridaben	< LOQ	0.2		0.04	ppm	Spinosad	< LOQ	0.2		0.04	ppm
Spiromesifen	< LOQ	0.2		0.04	ppm	Spirotetramat	< LOQ	0.2		0.04	ppm
Spiroxamine	< LOQ	0.4		0.04	ppm	Tebuconazole	< LOQ	0.4		0.04	ppm
Thiacloprid	< LOQ	0.2		0.04	ppm	Thiamethoxam	< LOQ	0.2		0.04	ppm
Trifloxystrobin	< LOQ	0.2		0.04	ppm						

ND - Compound not detected

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

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Quality Control Potency

Batch: 1947032 - 215-Useable

Blank(1947032-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0151	%		11/20/19 11:35	11/20/19 18:25
delta 9-THC	< LOQ	0.0473	%		11/20/19 11:35	11/20/19 18:25
delta 8-THC	< LOQ	0.0234	%		11/20/19 11:35	11/20/19 18:25
Exo-THC	< LOQ	0.0208	%		11/20/19 11:35	11/20/19 18:25
THCV	< LOQ	0.0263	%		11/20/19 11:35	11/20/19 18:25
THCVA	< LOQ	0.0099	%		11/20/19 11:35	11/20/19 18:25
CBD	< LOQ	0.0081	%		11/20/19 11:35	11/20/19 18:25
CBDA	< LOQ	0.0107	%		11/20/19 11:35	11/20/19 18:25
CBDV	< LOQ	0.0260	%		11/20/19 11:35	11/20/19 18:25
CBDVA	< LOQ	0.0086	%		11/20/19 11:35	11/20/19 18:25
CBN	< LOQ	0.0156	%		11/20/19 11:35	11/20/19 18:25
CBG	< LOQ	0.0042	%		11/20/19 11:35	11/20/19 18:25
CBGA	< LOQ	0.0042	%		11/20/19 11:35	11/20/19 18:25
CBC	< LOQ	0.0465	%		11/20/19 11:35	11/20/19 18:25

Reference(1947032-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	99.5	0.0151	%	80-120	11/20/19 11:35	11/20/19 18:48
delta 9-THC	102	0.0473	%	80-120	11/20/19 11:35	11/20/19 18:48
CBD	102	0.0081	%	80-120	11/20/19 11:35	11/20/19 18:48
CBDA	99.7	0.0107	%	80-120	11/20/19 11:35	11/20/19 18:48

Pesticide Analysis

Batch: 1947044 - 203

Blank(1947044-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
DDVP (Dichlorvos)	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Acephate	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Acequinocyl	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Acetamiprid	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Aldicarb	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Azoxystrobin	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Bifenazate	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Bifenthrin	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Boscalid	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Carbaryl	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Carbofuran	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Chlorantraniliprole	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Quality Control Pesticide Analysis (Continued)

Batch: 1947044 - 203 (Continued)

Blank(1947044-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Chlorfenapyr	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Chlorpyrifos	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Clofentezine	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Cyfluthrin	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Cypermethrin	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Daminozide	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Diazinon	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Dimethoate	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Ethoprophos	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Etofenprox	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Etoxazole	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Fenoxycarb	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Fenpyroximate	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Fipronil	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Flonicamid	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Fludioxonil	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Hexythiazox	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Imazalil	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Imidacloprid	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Kresoxim-methyl	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Malathion	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Metalaxyl	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Methiocarb	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Methomyl	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Methyl parathion	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
MGK-264	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Myclobutanil	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Naled	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Oxamyl	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Paclobutrazol	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Permethrins	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Phosmet	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Piperonyl butoxide	< LOQ	0.1	ppm		11/21/19 09:49	11/22/19 01:54
Prallethrin	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Propiconazole	< LOQ	0.04	ppm		11/21/19 09:49	11/21/19 22:04
Propoxur	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Pyrethrins	< LOQ	0.1	ppm		11/21/19 09:49	11/22/19 01:54
Pyridaben	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Quality Control Pesticide Analysis (Continued)

Batch: 1947044 - 203 (Continued)

Blank(1947044-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Spinosad	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Spiromesifen	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Spirotetramat	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Spiroxamine	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Tebuconazole	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Thiacloprid	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Thiamethoxam	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54
Trifloxystrobin	< LOQ	0.04	ppm		11/21/19 09:49	11/22/19 01:54

LCS(1947044-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Abamectin	74.9	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
DDVP (Dichlorvos)	120	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Acephate	105	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Acequinocyl	83.8	0.04	ppm	52-97	11/21/19 09:49	11/22/19 02:17
Acetamiprid	110	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Aldicarb	109	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Azoxystrobin	103	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Bifenazate	103	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Bifenthrin	96.5	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Boscalid	99.6	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Carbaryl	115	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Carbofuran	120	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Chlorantraniliprole	79.7	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Chlorfenapyr	91.6	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Chlorpyrifos	101	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Clofentezine	58.1	0.04	ppm	14.4-62.3	11/21/19 09:49	11/22/19 02:17
Cyfluthrin	95.6	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Cypermethrin	94.2	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Daminozide	4.93	0.04	ppm	0-100	11/21/19 09:49	11/22/19 02:17
Diazinon	105	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Dimethoate	110	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Ethoprophos	106	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Etofenprox	112	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Etoxazole	89.9	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Fenoxycarb	117	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Fenpyroximate	103	0.04	ppm	50-100	11/21/19 09:49	11/22/19 02:17
Fipronil	110	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Flonicamid	152	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Green Leaf Lab®

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

Regulatory Compliance Testing
(OAR-333-007)
Official Report

Quality Control Pesticide Analysis (Continued)

Batch: 1947044 - 203 (Continued)

LCS(1947044-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Fludioxonil	104	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Hexythiazox	93.3	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Imazalil	81.3	0.04	ppm	58-96.4	11/21/19 09:49	11/22/19 02:17
Imidacloprid	74.0	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Kresoxim-methyl	103	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Malathion	110	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Metalaxyl	103	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Methiocarb	109	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Methomyl	112	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Methyl parathion	101	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
MGK-264	100	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Myclobutanil	111	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Naled	98.1	0.04	ppm	36-93	11/21/19 09:49	11/22/19 02:17
Oxamyl	110	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Paclobutrazol	128	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Permethrins	107	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Phosmet	108	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Piperonyl butoxide	60.3	0.1	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Prallethrin	115	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Propiconazole	98.7	0.04	ppm	70-130	11/21/19 09:49	11/21/19 22:27
Propoxur	113	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Pyrethrins	304	0.1	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Pyridaben	99.8	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Spinosad	77.8	0.04	ppm	45-114	11/21/19 09:49	11/22/19 02:17
Spiromesifen	92.1	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Spirotetramat	107	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Spiroxamine	72.6	0.04	ppm	55-95	11/21/19 09:49	11/22/19 02:17
Tebuconazole	113	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Thiacloprid	115	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Thiamethoxam	124	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17
Trifloxystrobin	104	0.04	ppm	70-130	11/21/19 09:49	11/22/19 02:17

Moisture Content

Batch: 1947031 - 103

Reference(1947031-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	94.2		%	80-120	11/21/19 11:55	11/21/19 11:55

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Quality Control Moisture Content (Continued)

Batch: 1947031 - 103 (Continued)

Reference(1947031-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	94.7		%	80-120	11/21/19 11:55	11/21/19 11:55

Batch: 1947032 - 215-Useable

Blank(1947032-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Camphene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Camphor	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
3-Carene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
beta-Caryophyllene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Caryophyllene Oxide	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
alpha-Cedrene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Cedrol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Endo-fenchyl alcohol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Eucalyptol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Fenchone	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Geraniol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Geranyl acetate	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Guaiol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Hexahydrothymol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
alpha-Humulene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Isoborneol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Isopulegol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Limonene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Linalool	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
p-Mentha-1,5-diene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
beta-Myrcene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
trans-Nerolidol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Ocimene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
alpha-Pinene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
beta-Pinene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Pulegone	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Sabinene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Sabinene hydrate	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
gamma-Terpinene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
alpha-Terpinene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Terpineol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Terpinolene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Valencene	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019



Green Leaf Lab®

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

**Regulatory Compliance Testing
(OAR-333-007)
Official Report**

Quality Control Terpene Analysis (Continued)

Batch: 1947032 - 215-Useable (Continued)

Blank(1947032-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
B Y-Terpineol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Nerol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
A-Terpineol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
cis-Nerolidol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Borneol	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Ocimene isomer II	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01
Ocimene isomer I	< LOQ	4.000E-4	%		11/20/19 11:35	11/22/19 16:01

Reference(1947032-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
beta-Caryophyllene	93.5	4.000E-4	%	70-130	11/20/19 11:35	11/22/19 16:44
alpha-Humulene	94.8	4.000E-4	%	70-130	11/20/19 11:35	11/22/19 16:44
Limonene	96.1	4.000E-4	%	70-130	11/20/19 11:35	11/22/19 16:44
beta-Myrcene	97.8	4.000E-4	%	70-130	11/20/19 11:35	11/22/19 16:44

Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 11/27/2019