Analytical Results

SC Laboratories Oregon LLC
ORELAP# 4133/OLCC# 1004748743D
15865 SW 74th Ave Suite 110, Tigard, OR
503-272-8830
www.sclabs.com

Sample Name: **Smaug Primary**
Tested for: ***OM Extracts***
Compliance Extract

Laboratory ID: 19F0030-01

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000014945

Lot # NA

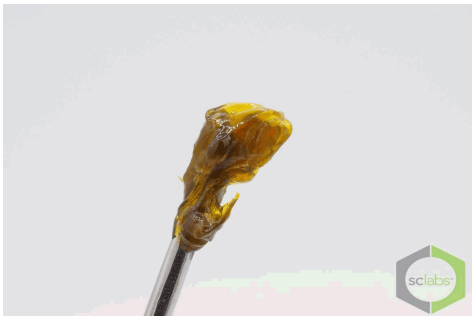
License: 10051970949

Batch RFID: 1A4010300014ADD000014942

Date Sampled: 06/06/19 09:12

Batch Size: 1399 (g)

Date Accepted: 06/06/19



Potency Analysis

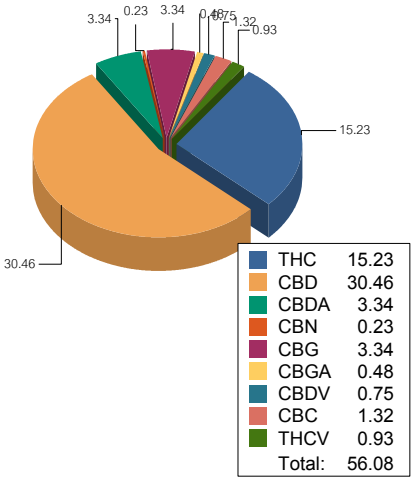
Date Extracted: 06/13/19
Date Analyzed: 06/14/19

Analysis Method/SOP: Potency

*** - ORELAP certified analyte**

Cannabinoids	% weight	mg/g	LOQ (%)
Total THC ((THCA*0.877)+d9)	15.23	152.3	0.08
Total CBD ((CBDA*0.877)+CBD)	33.39	333.9	0.08
d9-THC (d9-Tetrahydrocannabinol)*	15.23	152.3	0.08
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.15
CBD (Cannabidiol)*	30.46	304.6	0.08
CBDA (Cannabidiolic Acid)*	3.34	33.4	0.15
CBN (Cannabinol)*	0.23	2.3	0.08
CBG (Cannabigerol)*	3.34	33.4	0.10
CBGA (Cannabigerolic Acid)	0.48	4.8	0.10
CBDV (Cannabidivarin)*	0.75	7.5	0.10
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10
CBC (Cannabichromene)*	1.32	13.2	0.10
THCV (Tetrahydrocannabivarin)	0.93	9.3	0.10
Total Cannabinoids	56.08	560.8	0.08

Cannabinoids Profile



<LOQ - Results below the Limit of Quantitation - Compound not detected

Breeanna Hamilton For Brian Weigel
Lab Director

Analytical Results

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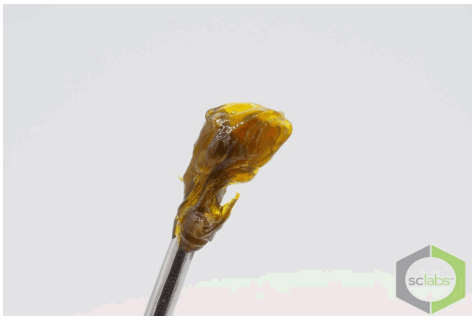
Sample Name: **Smaug Duplicate**
Tested for: ***OM Extracts***
Compliance Extract

Laboratory ID: 19F0030-02
Matrix: Extracts and Concentrates
Sample Metrc ID: 1A4010300014ADD000014945
Lot # NA
License: 10051970949
Batch RFID: 1A4010300014ADD000014942
Date Sampled: 06/06/19 09:15
Batch Size: 1399 (g)
Date Accepted: 06/06/19



Potency Analysis

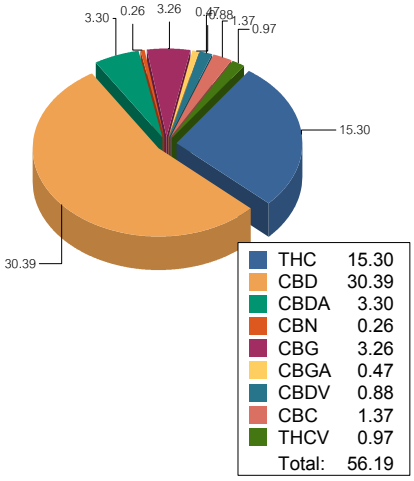
Date Extracted: 06/13/19
Date Analyzed: 06/14/19

Analysis Method/SOP: Potency

*** - ORELAP certified analyte**

Cannabinoids	% weight	mg/g	LOQ (%)
Total THC ((THCA*0.877)+d9)	15.30	153	0.08
Total CBD ((CBDA*0.877)+CBD)	33.28	332.8	0.08
d9-THC (d9-Tetrahydrocannabinol)*	15.30	153	0.08
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.10
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.15
CBD (Cannabidiol)*	30.39	303.9	0.08
CBDA (Cannabidiolic Acid)*	3.30	33	0.15
CBN (Cannabinol)*	0.26	2.6	0.08
CBG (Cannabigerol)*	3.26	32.6	0.10
CBGA (Cannabigerolic Acid)	0.47	4.7	0.10
CBDV (Cannabidivarin)*	0.88	8.8	0.10
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.10
CBC (Cannabichromene)*	1.37	13.7	0.10
THCV (Tetrahydrocannabivarin)	0.97	9.7	0.10
Total Cannabinoids	56.19	561.9	0.08

Cannabinoids Profile



<LOQ - Results below the Limit of Quantitation - Compound not detected

Sample Name: Smaug

Sample Metrc ID: 1A4010300014ADD000014945

	Primary Result %	Duplicate Result %	Average %	% RPD	Pass/Fail (<15%RPD)
Total THC ((THCA*0.877)+d9)	15.23	15.30	15.27	0.459	PASS
Total CBD ((CBDA*0.877)+CBD)	33.39	33.28	33.34	NA	NA

Breeanna Hamilton For Brian Weigel
Lab Director

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Sample Name: **Smaug Primary**
Tested for: **OM Extracts**
Compliance Extract

License: 10051970949
Date Sampled: 06/06/19 09:12
Date Accepted: 06/06/19

Laboratory ID: 19F0030-01
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300014ADD000014945
Batch RFID: 1A4010300014ADD000014942
Batch Size: 1399 (g)

Terpene Analysis

Date Extracted: 06/13/19
Date Analyzed: 06/14/19

Analysis Method/SOP: Terpenes

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.762	0.091	Myrcene	1.497	0.091
alpha Phellandrene	< LOQ	0.091	3-Carene	< LOQ	0.091
alpha Terpinene	< LOQ	0.091	Limonene	0.384	0.091
Terpinolene	0.106	0.091	Linalool	0.125	0.091
Fenchol	< LOQ	0.091	Borneol	< LOQ	0.091
Terpineol	< LOQ	0.091	Geraniol	< LOQ	0.091
alpha Humulene	0.401	0.091	beta Caryophyllene	1.074	0.091
Caryophyllene Oxide	< LOQ	0.091	alpha Bisabolol	0.451	0.091
Camphene	< LOQ	0.091	beta Pinene	< LOQ	0.091
Ocimene	0.129	0.091	Sabinene	< LOQ	0.091
Camphor	< LOQ	0.091	Isoborneol	< LOQ	0.091
Menthol	< LOQ	0.091	alpha Cedrene	< LOQ	0.091
Nerolidol	< LOQ	0.091	R-(+)-Pulegone	< LOQ	0.091
Eucalyptol	< LOQ	0.091	p-Cymene	< LOQ	0.091
(-)-Isopulegol	< LOQ	0.091	Geranyl Acetate	< LOQ	0.091
Guaiol	0.383	0.091	Valencene	< LOQ	0.091
Phytol	0.181	0.091	Citronellol	< LOQ	0.091
gamma-Terpinene	< LOQ	0.091			
			Total Terpenes	**5.493 %**	

<LOQ - Results below the Limit of Quantitation - Compound not detected
Terpene Analysis is not ORELAP Accredited.

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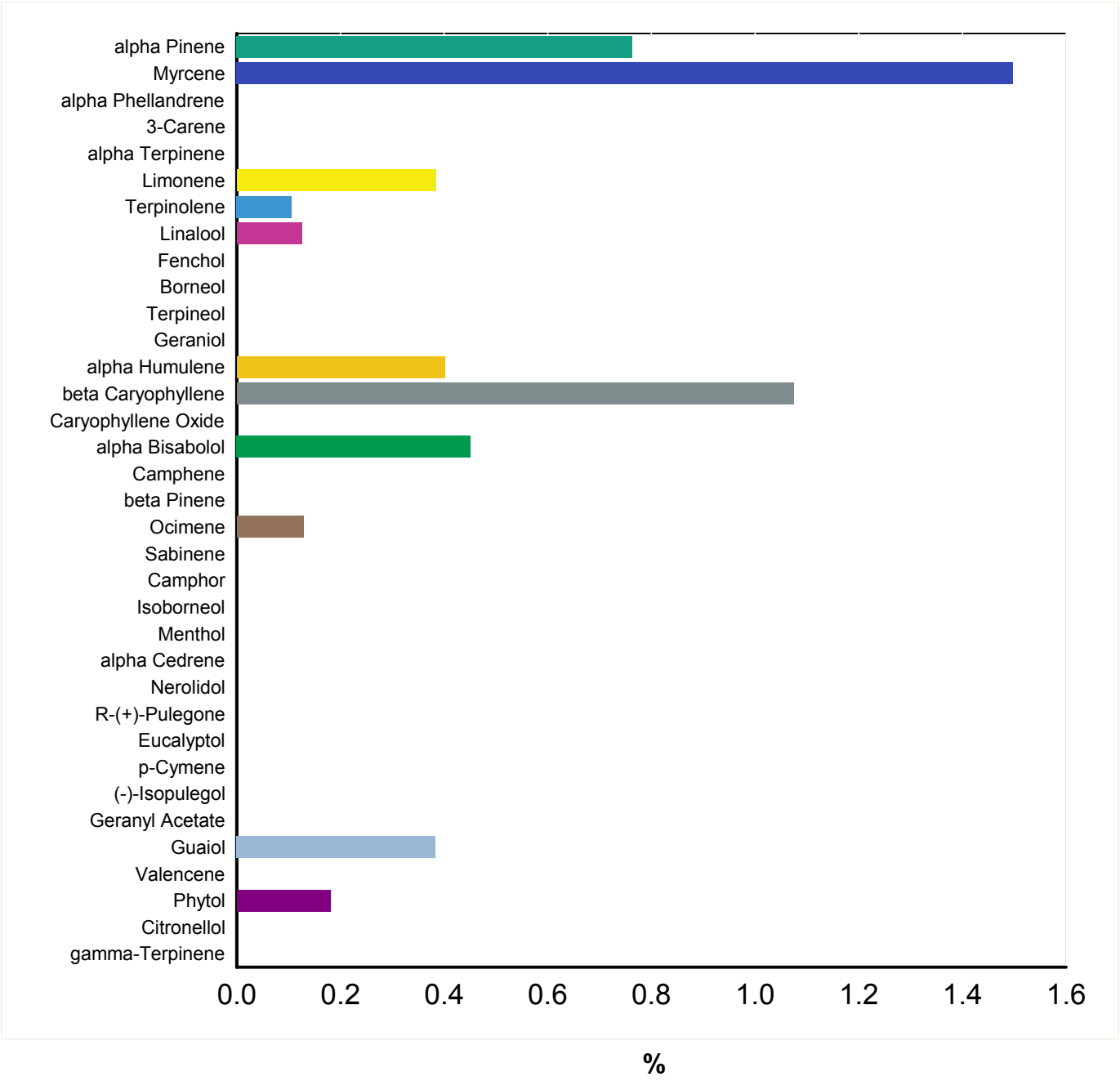
Sample Name:	**Smaug Primary**	**License: 10051970949**	
Tested for:	**OM Extracts**	**Date Sampled: 06/06/19 09:12**	
	Compliance Extract	**Date Accepted: 06/06/19 20:35**	
Laboratory ID: 19F0030-01	**Matrix: Extracts and**	**Client/Metrc ID: 1A4010300014ADD000014945**	

Terpene Profile



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Sample Name: **Smaug Primary**
Tested for: ***OM Extracts***
Compliance Extract

License: 10051970949
Date Sampled: 06/06/19 09:12
Date Accepted: 06/06/19

Laboratory ID: 19F0030-01
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300014ADD000014945
Batch RFID: 1A4010300014ADD000014942
Batch Size: 1399 (g)

Pesticide Analysis in ppm

Date Extracted: 06/14/19
Date Analyzed: 06/15/19

Analysis Method/SOP: Pesticides
Results above the action levels are highlighed in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.241	Acephate	< LOQ	0.4	0.193
Acequinocyl	< LOQ	2	0.963	Acetamiprid	< LOQ	0.2	0.096
Aldicarb	< LOQ	0.4	0.193	Azoxystrobin	< LOQ	0.2	0.096
Bifenazate	< LOQ	0.2	0.096	Bifenthrin	< LOQ	0.2	0.096
Boscalid	< LOQ	0.4	0.193	Carbaryl	< LOQ	0.2	0.096
Carbofuran	< LOQ	0.2	0.096	Chlorantraniliprole	< LOQ	0.2	0.096
Chlorfenapyr	< LOQ	1	0.481	Chlorpyrifos	< LOQ	0.2	0.096
Clofentezine	< LOQ	0.2	0.096	Cyfluthrin	< LOQ	1	0.481
Cypermethrin	< LOQ	1	0.481	Daminozide	< LOQ	1	0.481
DDVP (Dichlorvos)	< LOQ	1	0.481	Diazinon	< LOQ	0.2	0.096
Dimethoate	< LOQ	0.2	0.096	Ethoprophos	< LOQ	0.2	0.096
Etofenprox	< LOQ	0.4	0.193	Etoxazole	< LOQ	0.2	0.096
Fenoxycarb	< LOQ	0.2	0.096	Fenpyroximate	< LOQ	0.4	0.193
Fipronil	< LOQ	0.4	0.193	Flonicamid	< LOQ	1	0.481
Fludioxonil	< LOQ	0.4	0.193	Hexythiazox	< LOQ	1	0.481
Imazalil	< LOQ	0.2	0.096	Imidacloprid	< LOQ	0.4	0.193
Kresoxim-methyl	< LOQ	0.4	0.193	Malathion	< LOQ	0.2	0.096
Metalaxyl	< LOQ	0.2	0.096	Methiocarb	< LOQ	0.2	0.096
Methomyl	< LOQ	0.4	0.193	Methyl parathion	< LOQ	0.2	0.096
MGK-264	< LOQ	0.2	0.096	Myclobutanil	< LOQ	0.2	0.096
Naled	< LOQ	0.5	0.241	Oxamyl	< LOQ	1	0.481
Paclobutrazol	< LOQ	0.4	0.193	Permethrins (total)	< LOQ	0.2	0.096
Phosmet	< LOQ	0.2	0.096	Piperonyl butoxide	< LOQ	2	0.481
Prallethrin	< LOQ	0.2	0.096	Propiconazole	< LOQ	0.4	0.193
Propoxur	< LOQ	0.2	0.096	Pyrethrins (total)	< LOQ	1	0.481
Pyridaben	< LOQ	0.2	0.096	Spinosad	< LOQ	0.2	0.096
Spiromesifen	< LOQ	0.2	0.096	Spirotetramat	< LOQ	0.2	0.096
Spiroxamine	< LOQ	0.4	0.193	Tebuconazole	< LOQ	0.4	0.193
Thiacloprid	< LOQ	0.2	0.096	Thiamethoxam	< LOQ	0.2	0.096
Trifloxystrobin	< LOQ	0.2	0.096				

<LOQ - Results below the Limit of Quantitation - Compound not detected

Breeanna Hamilton For Brian Weigel
Lab Director

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Sample Name: **Smaug Duplicate**
Tested for: ***OM Extracts***
Compliance Extract

License: 10051970949
Date Sampled: 06/06/19 09:15
Date Accepted: 06/06/19

Laboratory ID: 19F0030-02
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300014ADD000014945
Batch RFID: 1A4010300014ADD000014942
Batch Size: 1399 (g)

Pesticide Analysis in ppm

Date Extracted: 06/14/19
Date Analyzed: 06/15/19

Analysis Method/SOP: Pesticides
Results above the action levels are highlighed in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.240	Acephate	< LOQ	0.4	0.192
Acequinocyl	< LOQ	2	0.960	Acetamiprid	< LOQ	0.2	0.096
Aldicarb	< LOQ	0.4	0.192	Azoxystrobin	< LOQ	0.2	0.096
Bifenazate	< LOQ	0.2	0.096	Bifenthrin	< LOQ	0.2	0.096
Boscalid	< LOQ	0.4	0.192	Carbaryl	< LOQ	0.2	0.096
Carbofuran	< LOQ	0.2	0.096	Chlorantraniliprole	< LOQ	0.2	0.096
Chlorfenapyr	< LOQ	1	0.480	Chlorpyrifos	< LOQ	0.2	0.096
Clofentezine	< LOQ	0.2	0.096	Cyfluthrin	< LOQ	1	0.480
Cypermethrin	< LOQ	1	0.480	Daminozide	< LOQ	1	0.480
DDVP (Dichlorvos)	< LOQ	1	0.480	Diazinon	< LOQ	0.2	0.096
Dimethoate	< LOQ	0.2	0.096	Ethoprophos	< LOQ	0.2	0.096
Etofenprox	< LOQ	0.4	0.192	Etoxazole	< LOQ	0.2	0.096
Fenoxycarb	< LOQ	0.2	0.096	Fenpyroximate	< LOQ	0.4	0.192
Fipronil	< LOQ	0.4	0.192	Flonicamid	< LOQ	1	0.480
Fludioxonil	< LOQ	0.4	0.192	Hexythiazox	< LOQ	1	0.480
Imazalil	< LOQ	0.2	0.096	Imidacloprid	< LOQ	0.4	0.192
Kresoxim-methyl	< LOQ	0.4	0.192	Malathion	< LOQ	0.2	0.096
Metalaxyl	< LOQ	0.2	0.096	Methiocarb	< LOQ	0.2	0.096
Methomyl	< LOQ	0.4	0.192	Methyl parathion	< LOQ	0.2	0.096
MGK-264	< LOQ	0.2	0.096	Myclobutanil	< LOQ	0.2	0.096
Naled	< LOQ	0.5	0.240	Oxamyl	< LOQ	1	0.480
Paclobutrazol	< LOQ	0.4	0.192	Permethrins (total)	< LOQ	0.2	0.096
Phosmet	< LOQ	0.2	0.096	Piperonyl butoxide	< LOQ	2	0.480
Prallethrin	< LOQ	0.2	0.096	Propiconazole	< LOQ	0.4	0.192
Propoxur	< LOQ	0.2	0.096	Pyrethrins (total)	< LOQ	1	0.480
Pyridaben	< LOQ	0.2	0.096	Spinosad	< LOQ	0.2	0.096
Spiromesifen	< LOQ	0.2	0.096	Spirotetramat	< LOQ	0.2	0.096
Spiroxamine	< LOQ	0.4	0.192	Tebuconazole	< LOQ	0.4	0.192
Thiacloprid	< LOQ	0.2	0.096	Thiamethoxam	< LOQ	0.2	0.096
Trifloxystrobin	< LOQ	0.2	0.096				

<LOQ - Results below the Limit of Quantitation - Compound not detected

Breeanna Hamilton For Brian Weigel
Lab Director

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Sample Name: **Smaug Primary**
Tested for: ***OM Extracts***
Compliance Extract

License: 10051970949
Date Sampled: 06/06/19 09:12
Date Accepted: 06/06/19

Laboratory ID: 19F0030-01
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300014ADD000014945
Batch RFID: 1A4010300014ADD000014942
Batch Size: 1399 (g)

Residual Solvents

Date Extracted: 06/13/19
Date Analyzed: 06/14/19
Analysis Method/SOP: RST

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	193
2-Butanol	< LOQ	5000	2540
2-Ethoxyethanol	< LOQ	160	81.4
2-Propanol (IPA)	< LOQ	5000	2540
Acetone	< LOQ	5000	2540
Acetonitrile	< LOQ	400	209
Benzene	< LOQ	2	1.02
Butanes	< LOQ	5000	2540
Cyclohexane	< LOQ	3880	1970
Dichloromethane (methylene chloride)	< LOQ	600	305
Ethyl acetate	< LOQ	5000	2540
Ethyl ether	< LOQ	5000	2540
Ethylbenzene	< LOQ	2170	1100
Ethylene glycol	< LOQ	620	316
Ethylene oxide	< LOQ	50	25.4
Heptane	< LOQ	5000	2540
Hexanes	< LOQ	290	148
Isopropyl acetate	< LOQ	5000	2540
Isopropylbenzene (cumene)	< LOQ	70	35.6
Methanol	< LOQ	3000	1530
Pentanes	< LOQ	5000	2540
Propane	< LOQ	5000	2540
Tetrahydrofuran	< LOQ	720	366
Toluene	< LOQ	890	453
Xylenes	< LOQ	2170	1100

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red #.

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Lab Director

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Sample Name: **Smaug Duplicate**
Tested for: ***OM Extracts***
Compliance Extract

License: 10051970949
Date Sampled: 06/06/19 09:15
Date Accepted: 06/06/19

Laboratory ID: 19F0030-02
Matrix: Extracts and Concentrates
Lot # NA

Sample Metrc ID: 1A4010300014ADD000014945
Batch RFID: 1A4010300014ADD000014942
Batch Size: 1399 (g)

Residual Solvents

Date Extracted: 06/13/19
Date Analyzed: 06/14/19
Analysis Method/SOP: RST

Solvent	Results in ug/g	Action Level	LOQ
1,4-Dioxane	< LOQ	380	170
2-Butanol	< LOQ	5000	2230
2-Ethoxyethanol	< LOQ	160	71.4
2-Propanol (IPA)	< LOQ	5000	2230
Acetone	< LOQ	5000	2230
Acetonitrile	< LOQ	400	183
Benzene	< LOQ	2	0.893
Butanes	< LOQ	5000	2230
Cyclohexane	< LOQ	3880	1730
Dichloromethane (methylene chloride)	< LOQ	600	268
Ethyl acetate	< LOQ	5000	2230
Ethyl ether	< LOQ	5000	2230
Ethylbenzene	< LOQ	2170	969
Ethylene glycol	< LOQ	620	277
Ethylene oxide	< LOQ	50	22.3
Heptane	< LOQ	5000	2230
Hexanes	< LOQ	290	129
Isopropyl acetate	< LOQ	5000	2230
Isopropylbenzene (cumene)	< LOQ	70	31.2
Methanol	< LOQ	3000	1340
Pentanes	< LOQ	5000	2230
Propane	< LOQ	5000	2230
Tetrahydrofuran	< LOQ	720	321
Toluene	< LOQ	890	397
Xylenes	< LOQ	2170	969

<LOQ - Results below the Limit of Quantitation - Compound not detected
Results above the Action Level fail state testing requirements and will be highlighted Red #.

Breeanna Hamilton For Brian Weigel
Lab Director

Case Narrative

Residual Solvent - Isopropylbenzene was below normally accepted recovery criteria in the Blank Spike due to isopropylbenzene signal suppression in samples spiked with all target analytes.

Pesticides - Cypermethrin recovered below the lower acceptance limit in the Matrix Spike/Matrix Spike Duplicate but no peaks were identified in the retention time window of this analyte.

Acequinocyl, Cyfluthrin, and Cypermethrin flagged as non-detects in the Matrix Spike and Matrix Spike Duplicate due to the smaller initial volume prepared for these quality control samples. These analytes recovered within acceptance limits in the Blank Spike.

Terpenes - Phytol result was above QC criteria in the Method Blank.

Phytol exceeded normally accepted RPD criteria in the Sample Duplicate.

Quality Control

Potency

Batch: B191031 - Potency/Terpenes

Blank(B191031-BLK1) — **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 18:36**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	< LOQ	%						
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%						
THCA (d9-Tetrahydrocannabinolic Acid)	< LOQ	%						
CBD (Cannabidiol)	< LOQ	%						
CBDA (Cannabidiolic Acid)	< LOQ	%						
CBN (Cannabinol)	< LOQ	%						
CBG (Cannabigerol)	< LOQ	%						
CBGA (Cannabigerolic Acid)	< LOQ	%						
CBDV (Cannabidivarin)	< LOQ	%						
CBDVA (Cannabidivarinic Acid)	< LOQ	%						
CBC (Cannabichromene)	< LOQ	%						
THCV (Tetrahydrocannabivarin)	< LOQ	%						

Duplicate(B191031-DUP1) — **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 18:45**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	15.06	%		15.23			1.16	20
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%		< LOQ				20
THCA (d9-Tetrahydrocannabinolic Acid)	< LOQ	%		< LOQ				20
CBD (Cannabidiol)	29.95	%		30.46			1.69	20

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Quality Control

Potency (Continued)

Batch: B191031 - Potency/Terpenes (Continued)

Duplicate(B191031-DUP1) **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 18:45**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
CBDA (Cannabidiolic Acid)	3.29	%		3.34			1.50	20
CBN (Cannabinol)	0.23	%		0.23			3.02	20
CBG (Cannabigerol)	3.24	%		3.34			2.94	20
CBGA (Cannabigerolic Acid)	0.47	%		0.48			0.907	20
CBDV (Cannabidivarin)	0.83	%		0.75			10.0	20
CBDVA (Cannabidivarinic Acid)	0.08	%		0.08			2.14	20
CBC (Cannabichromene)	1.35	%		1.32			2.46	20
THCV (Tetrahydrocannabivarin)	0.98	%		0.93			5.73	20

LCS(B191031-BS1) **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 18:28**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	0.19	%	0.200		93.7	80-120		
CBD (Cannabidiol)	0.21	%	0.200		106	80-120		
CBDA (Cannabidiolic Acid)	0.19	%	0.200		96.8	80-120		
CBN (Cannabinol)	0.19	%	0.200		97.2	80-120		

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Quality Control
Pesticide Analysis

Batch: B191033 - Pesticide Prep

Blank(B191033-BLK1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:11**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	< LOQ	ppm						
Acephate	< LOQ	ppm						
Acequinocyl	< LOQ	ppm						
Acetamiprid	< LOQ	ppm						
Aldicarb	< LOQ	ppm						
Azoxystrobin	< LOQ	ppm						
Bifenazate	< LOQ	ppm						
Bifenthrin	< LOQ	ppm						
Boscalid	< LOQ	ppm						
Carbaryl	< LOQ	ppm						
Carbofuran	< LOQ	ppm						
Chlorantraniliprole	< LOQ	ppm						
Chlorfenapyr	< LOQ	ppm						
Chlorpyrifos	< LOQ	ppm						
Clofentezine	< LOQ	ppm						
Cyfluthrin	< LOQ	ppm						
Cypermethrin	< LOQ	ppm						
Daminozide	< LOQ	ppm						
DDVP (Dichlorvos)	< LOQ	ppm						
Diazinon	< LOQ	ppm						
Dimethoate	< LOQ	ppm						
Ethoprophos	< LOQ	ppm						
Etofenprox	< LOQ	ppm						
Etoxazole	< LOQ	ppm						
Fenoxycarb	< LOQ	ppm						
Fenpyroximate	< LOQ	ppm						
Fipronil	< LOQ	ppm						
Flonicamid	< LOQ	ppm						
Fludioxonil	< LOQ	ppm						
Hexythiazox	< LOQ	ppm						
Imazalil	< LOQ	ppm						
Imidacloprid	< LOQ	ppm						
Kresoxim-methyl	< LOQ	ppm						
Malathion	< LOQ	ppm						
Metalaxyl	< LOQ	ppm						

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

Blank(B191033-BLK1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:11**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclobutrazol	< LOQ	ppm						
Permethrins (total)	< LOQ	ppm						
Phosmet	< LOQ	ppm						
Piperonyl butoxide	< LOQ	ppm						
Prallethrin	< LOQ	ppm						
Propiconazole	< LOQ	ppm						
Propoxur	< LOQ	ppm						
Pyrethrins (total)	< LOQ	ppm						
Pyridaben	< LOQ	ppm						
Spinosad	< LOQ	ppm						
Spiromesifen	< LOQ	ppm						
Spirotetramat	< LOQ	ppm						
Spiroxamine	< LOQ	ppm						
Tebuconazole	< LOQ	ppm						
Thiacloprid	< LOQ	ppm						
Thiamethoxam	< LOQ	ppm						
Trifloxystrobin	< LOQ	ppm						

LCS(B191033-BS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:27**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	0.88	ppm	0.980		89.5	15-150		
Acephate	0.99	ppm	1.00		99.1	51-141		
Acequinocyl	0.46	ppm	1.00		46.3	24-84		
Acetamiprid	0.92	ppm	1.00		92.2	50-150		
Aldicarb	0.89	ppm	1.00		88.8	49-146		
Azoxystrobin	0.75	ppm	1.00		75.4	52-136		
Bifenazate	0.84	ppm	1.00		83.9	41-133		
Bifenthrin	0.59	ppm	1.00		59.3	22-130		

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

LCS(B191033-BS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:27**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Boscalid	0.71	ppm	1.00		70.5	29-144		
Carbaryl	1.04	ppm	1.00		104	61-127		
Carbofuran	1.07	ppm	1.00		107	62-136		
Chlorantraniliprole	1.09	ppm	1.00		109	41-150		
Chlorfenapyr	0.70	ppm	1.00		69.8	23-143		
Chlorpyrifos	0.72	ppm	1.00		72.0	29-124		
Clofentezine	0.82	ppm	1.00		82.4	40-127		
Cyfluthrin	0.60	ppm	1.00		59.9	32-147		
Cypermethrin	0.60	ppm	1.00		59.8	21-144		
Daminozide	0.65	ppm	1.00		65.2	15-91		
DDVP (Dichlorvos)	0.95	ppm	1.00		94.5	55-150		
Diazinon	0.96	ppm	1.00		95.9	43-127		
Dimethoate	0.95	ppm	1.00		94.6	62-136		
Ethoprophos	0.85	ppm	1.00		85.1	45-142		
Etofenprox	0.66	ppm	1.00		66.3	24-113		
Etoxazole	0.80	ppm	1.00		79.7	34-121		
Fenoxycarb	0.88	ppm	1.00		87.9	22-150		
Fenpyroximate	0.58	ppm	1.00		58.3	34-144		
Fipronil	0.65	ppm	1.00		64.9	25-149		
Flonicamid	0.94	ppm	1.00		94.2	53-144		
Fludioxonil	0.72	ppm	1.00		71.6	29-132		
Hexythiazox	0.57	ppm	1.00		56.5	22-111		
Imazalil	1.08	ppm	1.00		108	48-125		
Imidacloprid	0.84	ppm	1.00		84.3	41-150		
Kresoxim-methyl	0.91	ppm	1.00		90.7	43-140		
Malathion	0.87	ppm	1.00		86.8	25-148		
Metalaxyl	0.92	ppm	1.00		92.2	50-136		
Methiocarb	0.97	ppm	1.00		96.7	56-132		
Methomyl	0.95	ppm	1.00		95.0	40-150		
Methyl parathion	0.86	ppm	1.00		85.7	15-150		
MGK-264	0.50	ppm	0.630		80.1	32-134		
Myclobutanil	0.88	ppm	1.00		88.1	43-141		
Naled	0.65	ppm	1.00		65.1	15-136		
Oxamyl	1.01	ppm	1.00		101	56-133		
Paclobutrazol	0.94	ppm	1.00		94.2	34-143		

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

LCS(B191033-BS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:27**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Permethrins (total)	0.60	ppm	1.00		59.5	31-113		
Phosmet	0.85	ppm	1.00		84.5	53-124		
Piperonyl butoxide	0.85	ppm	1.00		84.7	39-128		
Prallethrin	0.97	ppm	1.00		96.9	43-140		
Propiconazole	0.69	ppm	1.00		69.2	47-124		
Propoxur	0.99	ppm	1.00		98.5	63-135		
Pyrethrins (total)	0.45	ppm	0.630		71.0	19-144		
Pyridaben	0.77	ppm	1.00		76.8	31-122		
Spinosad	0.93	ppm	0.820		114	24-147		
Spiromesifen	1.01	ppm	1.00		101	49-133		
Spirotetramat	0.76	ppm	1.00		76.5	29-150		
Spiroxamine	0.53	ppm	0.550		95.9	15-122		
Tebuconazole	0.95	ppm	1.00		95.5	40-133		
Thiacloprid	0.98	ppm	1.00		97.7	60-143		
Thiamethoxam	1.05	ppm	1.00		105	42-146		
Trifloxystrobin	0.70	ppm	1.00		69.9	41-148		

Matrix Spike(B191033-MS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:44**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	0.55	ppm	0.953	< LOQ	58.2	21-150		
Acephate	0.92	ppm	0.972	< LOQ	94.2	48-131		
Acequinocyl	< LOQ	ppm	0.972	< LOQ		16-148		
Acetamiprid	0.91	ppm	0.972	< LOQ	93.8	50-145		
Aldicarb	0.90	ppm	0.972	< LOQ	92.2	53-133		
Azoxystrobin	0.76	ppm	0.972	< LOQ	78.3	35-147		
Bifenazate	0.91	ppm	0.972	< LOQ	94.0	43-143		
Bifenthrin	0.40	ppm	0.972	< LOQ	41.5	16-107		
Boscalid	0.78	ppm	0.972	< LOQ	80.6	42-140		
Carbaryl	0.98	ppm	0.972	< LOQ	101	71-113		
Carbofuran	1.02	ppm	0.972	< LOQ	105	73-118		
Chlorantraniliprole	1.01	ppm	0.972	< LOQ	104	45-136		
Chlorfenapyr	< LOQ	ppm	0.972	< LOQ		15-150		
Chlorpyrifos	0.36	ppm	0.972	< LOQ	36.5	24-125		
Clofentezine	0.72	ppm	0.972	< LOQ	74.3	38-118		
Cyfluthrin	< LOQ	ppm	0.972	< LOQ		23-139		

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

Matrix Spike(B191033-MS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:44**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Cypermethrin	0.37	ppm	0.972	< LOQ	38.0	38-150		
Daminozide	0.56	ppm	0.972	< LOQ	57.7	15-150		
DDVP (Dichlorvos)	0.92	ppm	0.972	< LOQ	94.8	64-124		
Diazinon	0.90	ppm	0.972	< LOQ	92.3	50-123		
Dimethoate	0.86	ppm	0.972	< LOQ	88.4	69-116		
Ethoprophos	0.80	ppm	0.972	< LOQ	82.7	39-146		
Etofenprox	0.53	ppm	0.972	< LOQ	54.2	31-117		
Etoxazole	0.70	ppm	0.972	< LOQ	72.3	35-136		
Fenoxycarb	0.87	ppm	0.972	< LOQ	89.2	23-150		
Fenpyroximate	0.55	ppm	0.972	< LOQ	56.1	30-143		
Fipronil	0.50	ppm	0.972	< LOQ	51.9	15-150		
Flonicamid	0.88	ppm	0.972	< LOQ	90.7	50-131		
Fludioxonil	0.82	ppm	0.972	< LOQ	84.4	44-150		
Hexythiazox	0.51	ppm	0.972	< LOQ	52.9	34-144		
Imazalil	1.05	ppm	0.972	< LOQ	108	54-124		
Imidacloprid	0.93	ppm	0.972	< LOQ	92.4	39-150		
Kresoxim-methyl	0.82	ppm	0.972	< LOQ	84.5	46-134		
Malathion	0.89	ppm	0.972	< LOQ	91.2	26-148		
Metalaxyl	0.88	ppm	0.972	< LOQ	90.4	60-127		
Methiocarb	0.88	ppm	0.972	< LOQ	90.7	50-131		
Methomyl	0.89	ppm	0.972	< LOQ	91.1	47-135		
Methyl parathion	0.54	ppm	0.972	< LOQ	55.7	15-150		
MGK-264	0.35	ppm	0.612	< LOQ	57.7	20-130		
Myclobutanil	0.87	ppm	0.972	< LOQ	89.5	43-134		
Naled	0.63	ppm	0.972	< LOQ	64.5	38-140		
Oxamyl	0.93	ppm	0.972	< LOQ	95.8	48-127		
Paclobutrazol	0.86	ppm	0.972	< LOQ	88.6	30-136		
Permethrins (total)	0.31	ppm	0.972	< LOQ	32.0	20-120		
Phosmet	0.86	ppm	0.972	< LOQ	88.3	51-134		
Piperonyl butoxide	0.78	ppm	0.972	< LOQ	80.0	36-134		
Prallethrin	0.85	ppm	0.972	< LOQ	87.1	23-149		
Propiconazole	0.68	ppm	0.972	< LOQ	69.7	45-133		
Propoxur	0.96	ppm	0.972	< LOQ	98.4	59-130		
Pyrethrins (total)	1.14	ppm	0.612	< LOQ	186	15-146		
Pyridaben	0.50	ppm	0.972	< LOQ	51.3	15-150		

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

Matrix Spike(B191033-MS1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19 20:44**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Spinosad	0.89	ppm	0.797	< LOQ	112	23-150		
Spiromesifen	0.93	ppm	0.972	< LOQ	95.2	27-127		
Spirotetramat	1.07	ppm	0.972	< LOQ	110	33-150		
Spiroxamine	0.55	ppm	0.535	< LOQ	103	54-134		
Tebuconazole	0.84	ppm	0.972	< LOQ	86.8	22-126		
Thiacloprid	0.95	ppm	0.972	< LOQ	98.1	53-138		
Thiamethoxam	0.96	ppm	0.972	< LOQ	99.2	40-134		
Trifloxystrobin	0.64	ppm	0.972	< LOQ	65.7	25-140		

Matrix Spike Dup(B191033-MSD1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Abamectin	0.63	ppm	0.949	< LOQ	66.3	21-150	13.0	40
Acephate	0.94	ppm	0.968	< LOQ	97.2	48-131	3.20	26
Acequinocyl	< LOQ	ppm	0.968	< LOQ		16-148		50
Acetamiprid	0.94	ppm	0.968	< LOQ	97.0	50-145	3.33	30
Aldicarb	0.90	ppm	0.968	< LOQ	92.9	53-133	0.717	30
Azoxystrobin	0.77	ppm	0.968	< LOQ	79.9	35-147	2.01	29
Bifenazate	0.92	ppm	0.968	< LOQ	94.8	43-143	0.903	30
Bifenthrin	0.40	ppm	0.968	< LOQ	41.4	16-107	0.198	29
Boscalid	0.81	ppm	0.968	< LOQ	83.4	42-140	3.40	30
Carbaryl	1.02	ppm	0.968	< LOQ	106	71-113	4.99	20
Carbofuran	1.07	ppm	0.968	< LOQ	110	73-118	5.04	20
Chlorantraniliprole	1.13	ppm	0.968	< LOQ	116	45-136	11.0	30
Chlorfenapyr	< LOQ	ppm	0.968	< LOQ		15-150		50
Chlorpyrifos	0.37	ppm	0.968	< LOQ	37.9	24-125	3.68	29
Clofentezine	0.75	ppm	0.968	< LOQ	77.8	38-118	4.73	26
Cyfluthrin	< LOQ	ppm	0.968	< LOQ		23-139		50
Cypermethrin	0.34	ppm	0.968	< LOQ	34.9	38-150	8.50	30
Daminozide	0.50	ppm	0.968	< LOQ	51.7	15-150	10.9	26
DDVP (Dichlorvos)	0.93	ppm	0.968	< LOQ	96.5	64-124	1.79	27
Diazinon	0.93	ppm	0.968	< LOQ	96.1	50-123	4.06	20
Dimethoate	0.90	ppm	0.968	< LOQ	93.1	69-116	5.19	20
Ethoprophos	0.83	ppm	0.968	< LOQ	85.5	39-146	3.39	30
Etofenprox	0.55	ppm	0.968	< LOQ	56.8	31-117	4.58	27
Etoxazole	0.70	ppm	0.968	< LOQ	72.3	35-136	0.0571	30

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Quality Control

Pesticide Analysis (Continued)

Batch: B191033 - Pesticide Prep (Continued)

Matrix Spike Dup(B191033-MSD1) **Extracted - 06/14/19 11:19 Analyzed - 06/14/19**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Fenoxycarb	0.91	ppm	0.968	< LOQ	93.9	23-150	5.13	40
Fenpyroximate	0.57	ppm	0.968	< LOQ	58.5	30-143	4.23	26
Fipronil	0.51	ppm	0.968	< LOQ	52.6	15-150	1.43	30
Flonicamid	0.89	ppm	0.968	< LOQ	91.8	50-131	1.30	26
Fludioxonil	0.83	ppm	0.968	< LOQ	85.3	44-150	1.02	30
Hexythiazox	0.53	ppm	0.968	< LOQ	54.4	34-144	2.72	28
Imazalil	1.07	ppm	0.968	< LOQ	111	54-124	2.27	24
Imidacloprid	0.98	ppm	0.968	< LOQ	98.4	39-150	6.28	30
Kresoxim-methyl	0.87	ppm	0.968	< LOQ	89.6	46-134	5.89	20
Malathion	0.88	ppm	0.968	< LOQ	90.9	26-148	0.392	50
Metalaxyl	0.89	ppm	0.968	< LOQ	92.0	60-127	1.82	30
Methiocarb	0.93	ppm	0.968	< LOQ	95.7	50-131	5.31	30
Methomyl	0.91	ppm	0.968	< LOQ	94.2	47-135	3.28	20
Methyl parathion	0.36	ppm	0.968	< LOQ	37.3	15-150	39.5	50
MGK-264	0.36	ppm	0.610	< LOQ	58.7	20-130	1.62	30
Myclobutanil	0.88	ppm	0.968	< LOQ	90.8	43-134	1.39	30
Naled	0.63	ppm	0.968	< LOQ	64.7	38-140	0.374	30
Oxamyl	0.97	ppm	0.968	< LOQ	101	48-127	4.80	28
Paclobutrazol	0.88	ppm	0.968	< LOQ	90.7	30-136	2.36	30
Permethrins (total)	0.31	ppm	0.968	< LOQ	31.7	20-120	0.904	28
Phosmet	0.91	ppm	0.968	< LOQ	94.3	51-134	6.55	30
Piperonyl butoxide	0.79	ppm	0.968	< LOQ	82.0	36-134	2.45	30
Prallethrin	0.89	ppm	0.968	< LOQ	91.4	23-149	4.86	30
Propiconazole	0.68	ppm	0.968	< LOQ	70.5	45-133	1.14	30
Propoxur	0.98	ppm	0.968	< LOQ	101	59-130	3.06	29
Pyrethrins (total)	1.21	ppm	0.610	< LOQ	198	15-146	6.43	28
Pyridaben	0.52	ppm	0.968	< LOQ	53.4	15-150	3.99	29
Spinosad	0.94	ppm	0.794	< LOQ	119	23-150	6.00	30
Spiromesifen	0.96	ppm	0.968	< LOQ	98.8	27-127	3.76	28
Spirotetramat	1.10	ppm	0.968	< LOQ	114	33-150	3.35	30
Spiroxamine	0.53	ppm	0.533	< LOQ	99.0	54-134	3.64	30
Tebuconazole	0.91	ppm	0.968	< LOQ	93.8	22-126	7.72	21
Thiacloprid	0.98	ppm	0.968	< LOQ	101	53-138	3.31	30
Thiamethoxam	0.99	ppm	0.968	< LOQ	103	40-134	3.36	28
Trifloxystrobin	0.66	ppm	0.968	< LOQ	68.1	25-140	3.50	30

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Quality Control
Solvent Analysis

Batch: B191034 - Residual Solvent Prep

Blank(B191034-BLK1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19 17:28**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	< LOQ	ug/g						
2-Butanol	< LOQ	ug/g						
2-Ethoxyethanol	< LOQ	ug/g						
2-Propanol (IPA)	< LOQ	ug/g						
Acetone	< LOQ	ug/g						
Acetonitrile	< LOQ	ug/g						
Benzene	< LOQ	ug/g						
Butanes	< LOQ	ug/g						
Cyclohexane	< LOQ	ug/g						
Dichloromethane (methylene chloride)	< LOQ	ug/g						
Ethyl acetate	< LOQ	ug/g						
Ethyl ether	< LOQ	ug/g						
Ethylbenzene	< LOQ	ug/g						
Ethylene glycol	< LOQ	ug/g						
Ethylene oxide	< LOQ	ug/g						
Heptane	< LOQ	ug/g						
Hexanes	< LOQ	ug/g						
Isopropyl acetate	< LOQ	ug/g						
Isopropylbenzene (cumene)	< LOQ	ug/g						
Methanol	< LOQ	ug/g						
Pentanes	< LOQ	ug/g						
Propane	< LOQ	ug/g						
Tetrahydrofuran	< LOQ	ug/g						
Toluene	< LOQ	ug/g						
Xylenes	< LOQ	ug/g						

LCS(B191034-BS1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19 16:25**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	683	ug/g	570		120	70-130		
2,2-Dimethylbutane	396	ug/g	435		91.0	70-130		
2,2-Dimethylpropane (neopentane)	2900	ug/g	3120		92.8	60-140		
2-Butanol	2710	ug/g	3500		77.6	70-130		
2-Ethoxyethanol	188	ug/g	240		78.3	60-140		
2-Methylbutane (isopentane)	2940	ug/g	3500		84.0	70-130		
2-Methylpentane/2,3-Dimethylbutane	723	ug/g	870		83.1	70-130		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Solvent Analysis (Continued)

Batch: B191034 - Residual Solvent Prep (Continued)

LCS(B191034-BS1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19 16:25**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	2770	ug/g	3120		88.6	60-140		
2-Propanol (IPA)	2830	ug/g	3500		80.8	70-130		
3-Methylpentane	415	ug/g	435		95.4	70-130		
Acetone	3080	ug/g	3500		87.9	70-130		
Acetonitrile	431	ug/g	615		70.1	70-130		
Benzene	3.56	ug/g	3.00		119	70-130		
Cyclohexane	4690	ug/g	5820		80.5	70-130		
Dichloromethane (methylene chloride)	746	ug/g	900		82.9	70-130		
Ethyl acetate	2920	ug/g	3500		83.5	70-130		
Ethyl ether	2970	ug/g	3500		84.9	70-130		
Ethylbenzene	2940	ug/g	3250		90.5	70-130		
Ethylene glycol	908	ug/g	930		97.7	60-140		
Ethylene oxide	319	ug/g	375		85.0	60-140		
Heptane	2860	ug/g	3500		81.7	70-130		
Isopropyl acetate	2970	ug/g	3500		84.7	70-130		
Isopropylbenzene (cumene)	61.1	ug/g	105		58.2	70-130		
m,p-Xylene	5670	ug/g	6510		87.1	60-140		
Methanol	1830	ug/g	2500		73.1	70-130		
n-Butane	2880	ug/g	3120		92.0	60-140		
n-Hexane	419	ug/g	435		96.3	70-130		
n-Pentane	3050	ug/g	3500		87.1	70-130		
Propane	965	ug/g	1250		77.2	60-140		
Tetrahydrofuran	858	ug/g	1080		79.5	70-130		
Toluene	1230	ug/g	1340		92.0	70-130		
o-Xylene	2930	ug/g	3250		90.0	70-130		

Matrix Spike(B191034-MS1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19 16:46**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	662	ug/g	528	< LOQ	125	70-130		
2,2-Dimethylbutane	398	ug/g	403	< LOQ	98.7	70-130		
2,2-Dimethylpropane (neopentane)	2760	ug/g	2890	< LOQ	95.3	60-140		
2-Butanol	2640	ug/g	3240	< LOQ	81.5	70-130		
2-Ethoxyethanol	177	ug/g	222	< LOQ	79.7	60-140		
2-Methylbutane (isopentane)	2920	ug/g	3240	< LOQ	90.2	70-130		
2-Methylpentane/2,3-Dimethylbutane	729	ug/g	806	< LOQ	90.5	70-130		

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Solvent Analysis (Continued)

Batch: B191034 - Residual Solvent Prep (Continued)

Matrix Spike(B191034-MS1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19 16:46**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	2620	ug/g	2890	< LOQ	90.6	60-140		
2-Propanol (IPA)	2750	ug/g	3240	< LOQ	84.9	70-130		
3-Methylpentane	421	ug/g	403	< LOQ	105	70-130		
Acetone	3010	ug/g	3240	< LOQ	92.8	70-130		
Acetonitrile	424	ug/g	569	< LOQ	74.5	70-130		
Benzene	3.35	ug/g	2.78	< LOQ	120	70-130		
Cyclohexane	4680	ug/g	5390	< LOQ	86.9	70-130		
Dichloromethane (methylene chloride)	738	ug/g	833	< LOQ	88.6	70-130		
Ethyl acetate	2830	ug/g	3240	< LOQ	87.4	70-130		
Ethyl ether	2920	ug/g	3240	< LOQ	90.2	70-130		
Ethylbenzene	2830	ug/g	3010	< LOQ	93.9	70-130		
Ethylene glycol	762	ug/g	861	< LOQ	88.5	60-140		
Ethylene oxide	299	ug/g	347	< LOQ	86.2	60-140		
Heptane	2870	ug/g	3240	< LOQ	88.5	70-130		
Isopropyl acetate	2880	ug/g	3240	< LOQ	88.8	70-130		
Isopropylbenzene (cumene)	89.6	ug/g	97.2	< LOQ	92.1	70-130		
m,p-Xylene	5440	ug/g	6030	< LOQ	90.3	60-140		
Methanol	1790	ug/g	2310	< LOQ	77.5	70-130		
n-Butane	2700	ug/g	2890	< LOQ	93.3	60-140		
n-Hexane	424	ug/g	403	< LOQ	105	70-130		
n-Pentane	3070	ug/g	3240	< LOQ	94.8	70-130		
Propane	920	ug/g	1160	< LOQ	79.5	60-140		
Tetrahydrofuran	830	ug/g	1000	< LOQ	83.0	70-130		
Toluene	1200	ug/g	1240	< LOQ	96.8	70-130		
o-Xylene	2870	ug/g	3010	< LOQ	95.2	70-130		

Matrix Spike Dup(B191034-MSD1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dioxane	820	ug/g	646	< LOQ	127	70-130	21.4	30
2,2-Dimethylbutane	497	ug/g	493	< LOQ	101	70-130	22.2	30
2,2-Dimethylpropane (neopentane)	3480	ug/g	3540	< LOQ	98.2	60-140	23.2	30
2-Butanol	3300	ug/g	3970	< LOQ	83.2	70-130	22.2	30
2-Ethoxyethanol	224	ug/g	272	< LOQ	82.4	60-140	23.5	30
2-Methylbutane (isopentane)	3680	ug/g	3970	< LOQ	92.8	70-130	22.9	30
2-Methylpentane/2,3-Dimethylbutane	908	ug/g	986	< LOQ	92.1	70-130	21.9	30

Breeanna Hamilton For Brian Weigel
Lab Director

Quality Control

Solvent Analysis (Continued)

Batch: B191034 - Residual Solvent Prep (Continued)

Matrix Spike Dup(B191034-MSD1) **Extracted - 06/13/19 10:38 Analyzed - 06/14/19**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
2-Methylpropane (isobutane)	3300	ug/g	3540	< LOQ	93.3	60-140	23.1	30
2-Propanol (IPA)	3500	ug/g	3970	< LOQ	88.2	70-130	23.8	30
3-Methylpentane	524	ug/g	493	< LOQ	106	70-130	21.7	30
Acetone	3780	ug/g	3970	< LOQ	95.3	70-130	22.7	30
Acetonitrile	535	ug/g	697	< LOQ	76.8	70-130	23.2	30
Benzene	4.16	ug/g	3.40	< LOQ	122	70-130	21.7	30
Cyclohexane	5780	ug/g	6600	< LOQ	87.5	70-130	20.9	30
Dichloromethane (methylene chloride)	915	ug/g	1020	< LOQ	89.7	70-130	21.4	30
Ethyl acetate	3540	ug/g	3970	< LOQ	89.3	70-130	22.3	30
Ethyl ether	3650	ug/g	3970	< LOQ	92.1	70-130	22.2	30
Ethylbenzene	3500	ug/g	3680	< LOQ	95.0	70-130	21.3	30
Ethylene glycol	988	ug/g	1050	< LOQ	93.8	60-140	25.8	30
Ethylene oxide	381	ug/g	425	< LOQ	89.6	60-140	23.9	30
Heptane	3530	ug/g	3970	< LOQ	89.1	70-130	20.8	30
Isopropyl acetate	3600	ug/g	3970	< LOQ	90.9	70-130	22.5	30
Isopropylbenzene (cumene)	102	ug/g	119	< LOQ	86.1	70-130	13.4	30
m,p-Xylene	6740	ug/g	7380	< LOQ	91.3	60-140	21.2	30
Methanol	2300	ug/g	2830	< LOQ	81.1	70-130	24.6	30
n-Butane	3430	ug/g	3540	< LOQ	96.8	60-140	23.7	30
n-Hexane	527	ug/g	493	< LOQ	107	70-130	21.6	30
n-Pentane	3890	ug/g	3970	< LOQ	98.1	70-130	23.5	30
Propane	1160	ug/g	1420	< LOQ	82.1	60-140	23.3	30
Tetrahydrofuran	1040	ug/g	1220	< LOQ	85.3	70-130	22.7	30
Toluene	1490	ug/g	1520	< LOQ	98.2	70-130	21.5	30
o-Xylene	3490	ug/g	3680	< LOQ	94.7	70-130	19.6	30

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Terpene Analysis

Batch: B191032 - Potency/Terpenes

Blank(B191032-BLK1) **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 17:26**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
alpha Pinene	< LOQ	%						
Myrcene	< LOQ	%						
alpha Phellandrene	< LOQ	%						
3-Carene	< LOQ	%						
alpha Terpinene	< LOQ	%						
Limonene	< LOQ	%						
Terpinolene	< LOQ	%						
Linalool	< LOQ	%						
Fenchol	< LOQ	%						
Borneol	< LOQ	%						
Terpineol	< LOQ	%						
Geraniol	< LOQ	%						
alpha Humulene	< LOQ	%						
beta Caryophyllene	< LOQ	%						
Caryophyllene Oxide	< LOQ	%						
alpha Bisabolol	< LOQ	%						
Camphene	< LOQ	%						
beta Pinene	< LOQ	%						
Ocimene	< LOQ	%						
Sabinene	< LOQ	%						
Camphor	< LOQ	%						
Isoborneol	< LOQ	%						
Menthol	< LOQ	%						
alpha Cedrene	< LOQ	%						
Nerolidol	< LOQ	%						
R-(+)-Pulegone	< LOQ	%						
Eucalyptol	< LOQ	%						
p-Cymene	< LOQ	%						
(-)-Isopulegol	< LOQ	%						
Geranyl Acetate	< LOQ	%						
Guaiol	< LOQ	%						
Valencene	< LOQ	%						
Phytol	1.713	%						
Citronellol	< LOQ	%						
gamma-Terpinene	< LOQ	%						

Breeanna Hamilton For Brian Weigel
Lab Director

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Quality Control

Terpene Analysis (Continued)

Batch: B191032 - Potency/Terpenes (Continued)

Duplicate(B191032-DUP1) **Extracted - 06/13/19 10:35 Analyzed - 06/14/19 17:26**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
alpha Pinene	0.772	%		0.762			1.21	20
Myrcene	1.523	%		1.497			1.67	20
alpha Phellandrene	< LOQ	%		< LOQ				20
3-Carene	< LOQ	%		< LOQ				20
alpha Terpinene	< LOQ	%		< LOQ				20
Limonene	0.393	%		0.384			2.43	20
Terpinolene	0.109	%		0.106			3.23	20
Linalool	0.127	%		0.125			2.01	20
Fenchol	< LOQ	%		< LOQ				20
Borneol	< LOQ	%		< LOQ				20
Terpineol	< LOQ	%		< LOQ				20
Geraniol	< LOQ	%		< LOQ				20
alpha Humulene	0.414	%		0.401			3.09	20
beta Caryophyllene	1.096	%		1.074			2.06	20
Caryophyllene Oxide	< LOQ	%		< LOQ				20
alpha Bisabolol	0.453	%		0.451			0.661	20
Camphene	< LOQ	%		< LOQ				20
beta Pinene	< LOQ	%		< LOQ				20
Ocimene	0.132	%		0.129			2.66	20
Sabinene	< LOQ	%		< LOQ				20
Camphor	< LOQ	%		< LOQ				20
Isoborneol	< LOQ	%		< LOQ				20
Menthol	< LOQ	%		< LOQ				20
alpha Cedrene	< LOQ	%		< LOQ				20
Nerolidol	< LOQ	%		< LOQ				20
R-(+)-Pulegone	< LOQ	%		< LOQ				20
Eucalyptol	< LOQ	%		< LOQ				20
p-Cymene	< LOQ	%		< LOQ				20
(-)-Isopulegol	< LOQ	%		< LOQ				20
Geranyl Acetate	< LOQ	%		< LOQ				20
Guaiol	0.387	%		0.383			0.931	20
Valencene	< LOQ	%		< LOQ				20
Phytol	0.268	%		0.181			38.8	20
Citronellol	< LOQ	%		< LOQ				20
gamma-Terpinene	< LOQ	%		< LOQ				20

Breeanna Hamilton For Brian Weigel
Lab Director

metrc

OREGON LIQUOR CONTROL COMMISSION
CANNABIS TRANSPORTATION MANIFEST

19F0030

19F0036

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

Manifest No.:	**0001572178**	**Date Created:**	**6/6/2019 9:48 AM**
Originating Entity:	OM Extracts		**For OLCC Use Only**
Originating License Number:	030-10051970949		
Address of Originating Entity:	500 Industrial Circle, Units E, F, G, and H White City, OR 97503		
Phone No. of Originating Entity:	503-688-3289		

Contact Phone No. for Inquiries: 503-688-3289

Destination # 1	**SC Laboratories**	**Destination Phone No.:**	**707-339-0050**
Destination License Number:	010-1004748743D	**Date and Approx. Time of Departure:**	6/6/2019 9:38 AM
Address of Destination:	15865 SW 74th Avenue Ste 110 Tigard, OR 97224		
		Date and Approx. Time of Arrival:	6/6/2019 8:00 PM
		Date/Time Received:	6/6/19 20:35

Route to be Traveled:

I-5 North to SC Laboratories
65 SW 74th Ave, Ste 110
Tigard, OR 97224

Notes: details for extenuating circumstances (e.g., road closure, flat tire, etc.)

Name of Person Transporting:	Joel Glimpse/ Scott Forster	**Handler Permit No. of Driver:**	10268[illegible]
State Driver's License No.:	9474950/A625521	**Signature of Person Transporting:**	
Make, Model, License Plate No.:	scion/nissan XB/NV 200 175 JLS/825 KAT		

Package # 1	Production Batch No.	Item Name	Quantity
1A4010300014ADD000014945 Lab Test: SubmittedForTesting Status: Shipped		FECO Bulk - Smaug (Extracts)	Shp: 7.1300 g
Harvests:	(multi-harvest)		
Package # 2	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014947 Lab Test: SubmittedForTesting Status: Shipped		FECO Bulk - PHK (SO Jager) (Extracts)	Shp: 7.1100 lb
Harvests:	HINDU102318-A		
Package # 3	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014948 Lab Test: SubmittedForTesting Status: Shipped		FECO Bulk - Golden Goat (Extracts)	Shp: 7.1700 g
Harvests:	(multi-harvest)		
Package # 4	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014937 Lab Test: NotSubmitted Status: Shipped		Industrial Hemp - Lifter- In Process (Extracts)	Shp: 2.0000 g
Package # 5	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014938 Lab Test: NotSubmitted Status: Shipped		Suver Haze - In Process (Extracts)	Shp: 2.0000 g
Package # 6	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014939 Lab Test: NotSubmitted Status: Shipped		Industrial Hemp - Elektra - In Process (Extracts)	Shp: 2.0000 g
Package # 7	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014940 Lab Test: NotSubmitted Status: Shipped		Distillate - In Process (Extracts)	Shp: 2.0000 g

metrc

OREGON LIQUOR CONTROL COMMISSION
CANNABIS TRANSPORTATION MANIFEST

19F0030

19F0036

All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

Manifest No.:	**0001572178**	**Date Created:**	**6/6/2019 9:48 AM**
Harvests:	(multi-harvest)		

Package # 8	**Production Batch No.**	**Item Name**	**Quantity**
1A4010300014ADD000014941 Lab Test: NotSubmitted Status: Shipped		In Process - Kosher Kush C02 (Extracts)	Shp: 2.0000 g
Harvests:	(multi-harvest)		

PRODUCT REJECTION *(if only a portion of shipment is rejected, circle that portion above)*

Name of Person Receiving or Rejecting Product:	Alfredo Montes de Oca		
I confirm that the contents of this shipment match weight records entered above, and I agree to take custody of those portions of this shipment *not* circled above. Those portions circled were returned to the individual delivering this shipment.			
Signature:	a/fredomontesdeoca	**Date:**	6/6/19
Signature of Individual taking receipt of rejected portion of this shipment:			

Client:	OM Ext	**Client License:**	10051970949	**Date Sampled:**	6/6/2019	**Thermometer ID:**	TOO5
Address Where Sampled:	500 Industral wy	**Requestor:**	Jamie	**Event ID:**	19FOM06	**Balance ID:**	BAL_01
Sampling SOP & Rev. #:	SC-OR-SAMP-002 rev. 1.01	**Sampler:**	Joel	**Transporter:**	Joel/ Scott	**Hygrometer ID:**	

Sampler Signature

Lab ORELAP ID:	4133
Lab OLCC ID:	1004748743D

Weight used (g)	Weight Set ID	Acceptance Criteria	Initial Measured	Initial P/F	Final Measured	Final P/F
0.5	weight Set ID 01	±2.5%	0.5	P	0.5	P
200		±2.5%	199.95		199.96	

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Jar					Concentrate	Smaug	6/6/2019	1399
METRC Batch ID	**Product Temp (˚C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1˚ Sample (g)**	**Sample Name**
1A4010300014ADD000014942	53.6		1	Vial	4	6	0.583333333	Smaug Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-01	Smaug-1	A1		0.59	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A2	0.59	1.18	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A3	1.18	1.77	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	1.77	2.36	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	2.36	2.95	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	2.95	3.56	0.61	1A4010300014ADD000014945

Totals:	6	6	Total Primary Mass = 3.56	Primary + Duplicate Mass = 7.13 g

Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

METRC Batch ID	Product Temp (˚C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1˚ Sample (g)	Sample Name
1A4010300014ADD000014942	53.6		1	Vial	4	6	0.583333333	Smaug Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-02	Smaug-1	A3		0.59	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A3	0.59	1.18	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	1.18	1.77	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	1.77	2.36	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	2.36	2.95	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	2.95	3.57	0.62	1A4010300014ADD000014945

Totals:	**6**	**6**		**Total Duplicate Mass = 3.57**		**Primary + Duplicate Mass = 7.13 g**

	Batch #	**Equipment**	**Cont. Types/Sizes**	**Uniform**	**Plant Colors**	**Shape and Size**	**Sampling Plan ID & Rev. Date**
Observations and Abnormalities:							

Container Type	**METRC Harvest/Processing Lot ID #:**			**Product Type**	**Client Sample Name**	**Product Date**	**Batch Size (g)**
Jar				Concentrate	PHK (S.O. Jager)	6/6/2019	1399
METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
1A4010300014ADD000014943	53.6		1	Vial	4	6	0.583333333	PHK (S.O. Jager) Primary

Lab Sample ID	**Container ID**	**Increment Zone**	**Sampling Media Wt. (g)**	**Wt. Inc+Media (g)**	**Increment Weight (g)**	**Sample METRC ID#**
19FOM06-03	PHK (S.O. Jager)-1	A1		0.59	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A2	0.59	1.18	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	1.18	1.77	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	1.77	2.36	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	2.36	2.95	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A4	2.95	3.55	0.6	1A4010300014ADD000014947

Totals:	**6**	**6**	**Total Primary Mass = 3.55**	**Primary + Duplicate Mass = 7.11 g**

	Batch #	**Equipment**	**Cont. Types/Sizes**	**Uniform**	**Plant Colors**	**Shape and Size**	**Sampling Plan ID & Rev. Date**
Observations and Abnormalities:							

METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
1A4010300014ADD000014943	53.6		1	Vial	4	6	0.583333333	PHK (S.O. Jager) Duplicate

Lab Sample ID	**Container ID**	**Increment Zone**	**Sampling Media Wt. (g)**	**Wt. Inc+Media (g)**	**Increment Weight (g)**	**Sample METRC ID#**
19FOM06-04	PHK (S.O. Jager)-1	A2		0.59	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A3	0.59	1.18	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A3	1.18	1.77	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	1.77	2.36	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	2.36	2.95	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	2.95	3.56	0.61	1A4010300014ADD000014947

Totals:	6	6	Total Duplicate Mass = 3.56	Primary + Duplicate Mass = 7.11 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Jar					Concentrate	Golden Goat	6/6/2019	1399
METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
1A4010300014ADD000014944	53.6		1	Vial	4	6	0.583333333	Golden Goat Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-05	Golden Goat-1	A1		0.59	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A1	0.59	1.18	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A2	1.18	1.77	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A2	1.77	2.36	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A3	2.36	2.95	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A4	2.95	3.58	0.63	1A4010300014ADD000014948

Totals:	6	6	Total Primary Mass = 3.58	Primary + Duplicate Mass = 7.17 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
1A4010300014ADD000014944	53.6		1	Vial	4	6	0.583333333	Golden Goat Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-06	Golden Goat-1	A1		0.59	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A2	0.59	1.18	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A3	1.18	1.77	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A3	1.77	2.36	0.59	1A4010300014ADD000014948

19FOM06-06	Golden Goat-1	A4	2.36	2.95	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A4	2.95	3.59	0.64	1A4010300014ADD000014948
Totals:	6	6		Total Duplicate Mass = 3.59		Primary + Duplicate Mass = 7.17 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

CHAIN OF CUSTODY

19F0030

SC Laboratories Oregon LLC
15865 SW 74th Avenue, Ste 110
Tigard OR, 97224
(503) 272-8830
ORELAP ID # 4133
www.sclabs.com

Client	OM Ext	COC #	1/1
Address Where Sampled	500 Industral wy	Work Order #	19FOM06
Date Sampled	6/6/2019	Received By	AM
OLCC License #	10051970949	Received Date	6/6/19
OLCC License Type	Processor	Courier	Joel/ Scott
Email		Name of Sampler	Joel
Phone		Transfer Manifest #	1572178
Sampler OLCC License #	010-1004748743D	Place where Sampled	500 Industral wy

Sample Type Legend

U - Usable Marijuana
C - Concentrate
P - Product
O - Other

Sample Name	Time	METRC Label	Unique Batch Number	SC Labs LIMS ID	Sample Type	Total Sample Mass	# of Increments	TESTS REQUESTED: Potency	Water Activity	Moisture Content	Pesticide	Residual Solvent	Terpene	Sample Specific Notes
Smaug Primary	9:12	1A4010300014ADD000014945	Smaug	19FOM06-01	C	3.56	6	X			X	X	X	
Smaug Duplicate	9:15	1A4010300014ADD000014945	Smaug	19FOM06-02	C	3.57	6	X			X	X	X	
PHK (S.O. Jager) Primary	9:24	1A4010300014ADD000014947	PHK (S.O. Jager)	19FOM06-03	C	3.55	6	X			X	X	X	
PHK (S.O. Jager) Duplicate	9:25	1A4010300014ADD000014947	PHK (S.O. Jager)	19FOM06-04	C	3.56	6	X			X	X	X	
Golden Goat Primary	9:27	1A4010300014ADD000014948	Golden Goat	19FOM06-05	C	3.58	6	X			X	X	X	
Golden Goat Duplicate	9:28	1A4010300014ADD000014948	Golden Goat	19FOM06-06	C	3.59	6	X			X	X	X	

Notes/Special Considerations: Opt OUT of Sample Duplicate Yes ☐ No ☐

Samples Relinquished
Print Name: Jamie Billett Date: 6/6/19
Representative of: OM Extracts
Signature: Billett Time: 9:50 am

Samples Received
Print Name: Joel Date: 6/6/19
Representative of: SC Labs
Signature: Time: 950

Samples Relinquished
Print Name: Joel Date: 6/6/19
Representative of: SC
Signature: Time: 4

Samples Received
Print Name: Scott Date:
Representative of: SCL
Signature: Time: 430

Client:	OM Ext	**Client License:**	10051970949	**Date Sampled:**	6/6/2019	**Thermometer ID:**	TOO5
Address Where Sampled:	500 Industral wy	**Requestor:**	Jamie	**Event ID:**	19FOM06	**Balance ID:**	BAL_01
Sampling SOP & Rev. #:	SC-OR-SAMP-002 rev. 1.01	**Sampler:**	Joel	**Transporter:**	Joel/ Scott	**Hygrometer ID:**	

Sampler Signature

Lab ORELAP ID:	4133
Lab OLCC ID:	1004748743D

Weight used (g)	Weight Set ID	Acceptance Criteria	Initial Measured	Initial P/F	Final Measured	Final P/F
0.5	weight Set ID 01	±2.5%	0.5	P	0.5	P
200		±2.5%	199.95		199.96	

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Jar					Concentrate	Smaug	6/6/2019	1399
METRC Batch ID	**Product Temp (˚C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1˚ Sample (g)**	**Sample Name**
1A4010300014ADD000014942	53.6		1	Vial	4	6	0.583333333	Smaug Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-01	Smaug-1	A1		0.59	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A2	0.59	1.18	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A3	1.18	1.77	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	1.77	2.36	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	2.36	2.95	0.59	1A4010300014ADD000014945
19FOM06-01	Smaug-1	A4	2.95	3.56	0.61	1A4010300014ADD000014945

Totals:	6	6	Total Primary Mass = 3.56	Primary + Duplicate Mass = 7.13 g

Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

METRC Batch ID	Product Temp (˚C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1˚ Sample (g)	Sample Name
1A4010300014ADD000014942	53.6		1	Vial	4	6	0.583333333	Smaug Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-02	Smaug-1	A3		0.59	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A3	0.59	1.18	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	1.18	1.77	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	1.77	2.36	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	2.36	2.95	0.59	1A4010300014ADD000014945
19FOM06-02	Smaug-1	A4	2.95	3.57	0.62	1A4010300014ADD000014945

Totals:	**6**	**6**		**Total Duplicate Mass = 3.57**		**Primary + Duplicate Mass = 7.13 g**

	Batch #	**Equipment**	**Cont. Types/Sizes**	**Uniform**	**Plant Colors**	**Shape and Size**	**Sampling Plan ID & Rev. Date**
Observations and Abnormalities:							

Container Type	**METRC Harvest/Processing Lot ID #:**			**Product Type**	**Client Sample Name**	**Product Date**	**Batch Size (g)**
Jar				Concentrate	PHK (S.O. Jager)	6/6/2019	1399
METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
1A4010300014ADD000014943	53.6		1	Vial	4	6	0.583333333	PHK (S.O. Jager) Primary

Lab Sample ID	**Container ID**	**Increment Zone**	**Sampling Media Wt. (g)**	**Wt. Inc+Media (g)**	**Increment Weight (g)**	**Sample METRC ID#**
19FOM06-03	PHK (S.O. Jager)-1	A1		0.59	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A2	0.59	1.18	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	1.18	1.77	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	1.77	2.36	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A3	2.36	2.95	0.59	1A4010300014ADD000014947
19FOM06-03	PHK (S.O. Jager)-1	A4	2.95	3.55	0.6	1A4010300014ADD000014947

Totals:	**6**	**6**	**Total Primary Mass = 3.55**	**Primary + Duplicate Mass = 7.11 g**

	Batch #	**Equipment**	**Cont. Types/Sizes**	**Uniform**	**Plant Colors**	**Shape and Size**	**Sampling Plan ID & Rev. Date**
Observations and Abnormalities:							

METRC Batch ID	**Product Temp (°C)**	**Humidity (%)**	**# of Containers**	**Sampling Media**	**# Zones**	**# of Inc.**	**1° Sample (g)**	**Sample Name**
1A4010300014ADD000014943	53.6		1	Vial	4	6	0.583333333	PHK (S.O. Jager) Duplicate

Lab Sample ID	**Container ID**	**Increment Zone**	**Sampling Media Wt. (g)**	**Wt. Inc+Media (g)**	**Increment Weight (g)**	**Sample METRC ID#**
19FOM06-04	PHK (S.O. Jager)-1	A2		0.59	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A3	0.59	1.18	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A3	1.18	1.77	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	1.77	2.36	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	2.36	2.95	0.59	1A4010300014ADD000014947
19FOM06-04	PHK (S.O. Jager)-1	A4	2.95	3.56	0.61	1A4010300014ADD000014947

Totals:	6	6	Total Duplicate Mass = 3.56	Primary + Duplicate Mass = 7.11 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Jar					Concentrate	Golden Goat	6/6/2019	1399
METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
1A4010300014ADD000014944	53.6		1	Vial	4	6	0.583333333	Golden Goat Primary

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-05	Golden Goat-1	A1		0.59	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A1	0.59	1.18	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A2	1.18	1.77	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A2	1.77	2.36	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A3	2.36	2.95	0.59	1A4010300014ADD000014948
19FOM06-05	Golden Goat-1	A4	2.95	3.58	0.63	1A4010300014ADD000014948

Totals:	6	6	Total Primary Mass = 3.58	Primary + Duplicate Mass = 7.17 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							

METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sampling Media	# Zones	# of Inc.	1° Sample (g)	Sample Name
1A4010300014ADD000014944	53.6		1	Vial	4	6	0.583333333	Golden Goat Duplicate

Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
19FOM06-06	Golden Goat-1	A1		0.59	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A2	0.59	1.18	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A3	1.18	1.77	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A3	1.77	2.36	0.59	1A4010300014ADD000014948

19FOM06-06	Golden Goat-1	A4	2.36	2.95	0.59	1A4010300014ADD000014948
19FOM06-06	Golden Goat-1	A4	2.95	3.59	0.64	1A4010300014ADD000014948
Totals:	6	6		Total Duplicate Mass = 3.59		Primary + Duplicate Mass = 7.17 g

	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
Observations and Abnormalities:							