

**SC Laboratories Oregon LLC** 

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

Sample Name: Maui Wowie

Tested for: Western Oregon Botanicals

Compliance - Usable

**Laboratory ID:** 18F0007-01 **Matrix:** Useable Marijuana

Sample Metrc ID: 1A40103000098BF000001060 Strain: Maui Wowie

 Lot # Maui 5/25
 Date Sampled: 06/04/18 03:30

 Batch RFID: 1A40103000098BF000001057
 Date Accepted: 06/04/18

Batch Size: 2769 (g) Results Valid Until: 06/04/19



#### **Potency Analysis**

Date Extracted: 06/05/18 Analysis Method/SOP: Potency
Date Analyzed: 06/05/18 \* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	25.64	256.4	
Total CBD ((CBDA*0.877)+CBD)	< LOQ	< LOQ	
d9-THC (d9-Tetrahydrocannabinol)*	0.86	8.6	T-0.86
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	
THCA (d9-Tetrahydrocannabinolic Acid)*	28.26	282.6	
CBD (Cannabidiol)*	< LOQ	< LOQ	
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ	
CBN (Cannabinol)*	< LOQ	< LOQ	THC 0.86
CBG (Cannabigerol)*	< LOQ	< LOQ	Total: 29.12
CBGA (Cannabigerolic Acid)	< LOQ	< LOQ	
CBDV (Cannabidivarin)*	< LOQ	< LOQ	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	
CBC (Cannabichromene)*	< LOQ	< LOQ	
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ	

		Wate	er Activity and	Moisture		
Analyte	Result	Limit	Units	LOQ	Analyzed	Method
Water Activity	0.486	0.65	AW	0.0300	06/05/2018	Water Activity
Percent Moisture	13.2	15	%	0.10	06/05/2018	Moisture
Cannabinoids reported a	s dry weight (mo	oisture corrected	i)	Results a	above the action le	evel are highlighted in red #.

294.7

29.47

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

These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of SC Laboratories. Samples tested in accordance with Oregon Administrative Rules, TNI 2009 Standard and SC Laboratories quality assurance plan unless otherwise noted.

Brian Weigel Lab Director

**Total Cannabinoids** 



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Laboratory ID: 18F0007-01 Strain: Maui Wowie

Matrix: Useable Marijuana

Lot # Maui 5/25 Batch Siz

Date Accepted: 06/04/18
Results Valid Until: 06/04/19

Date Sampled: 06/04/18 03:30

Sample Metrc ID: 1A40103000098BF000001060 Batch RFID: 1A40103000098BF000001057

Batch Size: 2769 (g)

#### **Terpene Analysis**

Date Extracted: 06/05/18 Analysis Method/SOP: Potency

Date Analyzed: 06/05/18

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.050	0.020	Myrcene	0.475	0.020
alpha Phellandrene	< LOQ	0.020	3-Carene	< LOQ	0.020
alpha Terpinene	< LOQ	0.020	Limonene	0.611	0.020
Terpinolene	< LOQ	0.020	Linalool	0.164	0.020
Fenchol	0.055	0.020	Borneol	< LOQ	0.020
Terpineol	0.063	0.020	Geraniol	0.024	0.020
alpha Humulene	0.198	0.020	beta Caryophyllene	0.561	0.020
Caryophyllene Oxide	0.023	0.020	alpha Bisabolol	0.058	0.020
Camphene	< LOQ	0.020	beta Pinene	0.096	0.020
Ocimene	< LOQ	0.020	Sabinene	< LOQ	0.020
Camphor	< LOQ	0.020	Isoborneol	< LOQ	0.020
Menthol	< LOQ	0.020	alpha Cedrene	< LOQ	0.020
Nerolidol	< LOQ	0.020	R-(+)-Pulegone	< LOQ	0.020
Eucalyptol	< LOQ	0.020	p-Cymene	< LOQ	0.020
(-)-Isopulegol	< LOQ	0.020	Geranyl Acetate	< LOQ	0.020
Guaiol	< LOQ	0.020	Valencene	0.090	0.020
Phytol	0.025	0.020	Citronellol	< LOQ	0.020
gamma-Terpinene	< LOQ	0.020			1
			Total Terpenes	2.492 %	

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

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Sample Name: Maui Wowie

Tested for: Western Oregon Botanicals

Compliance - Usable

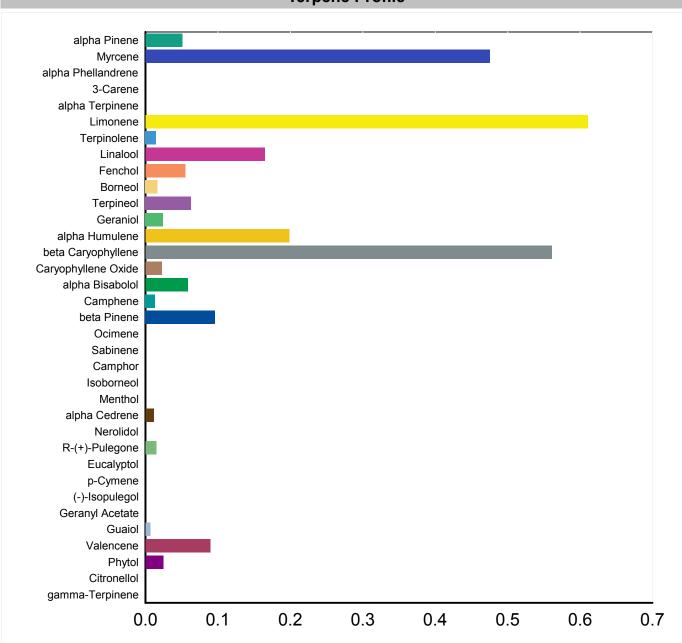
Laboratory ID: 18F0007-01 Matrix: Useable Marijuana

Date Sampled: 06/04/18 03:30 Date Accepted: 06/04/18 16:37

Results Valid Until: 06/04/19

Client/Metrc ID: 1A40103000098BF000001060

#### **Terpene Profile**



%

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Date Sampled: 06/04/18 03:30

Results Valid Until: 06/04/19

Date Accepted: 06/04/18

Sample Name: Maui Wowie

Tested for: Western Oregon Botanicals

Compliance - Usable

Sample Metrc ID: 1A40103000098BF000001060

Laboratory ID: 18F0007-01 Strain: Maui Wowie Matrix: Useable Marijuana Batch RFID: 1A40103000098BF000001057

Lot # Maui 5/25 Batch Size: 2769 (g)

Pesticide Analysis in ppm

Analysis Method/SOP: Pesticides Date Extracted: 06/05/18

06/06/18 Date Analyzed: Results above the action levels are highlighed in red #.

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.24	Acephate	< LOQ	0.4	0.19
Acequinocyl	< LOQ	2	0.95	Acetamiprid	< LOQ	0.2	0.09
Aldicarb	< LOQ	0.4	0.19	Azoxystrobin	< LOQ	0.2	0.09
Bifenazate	< LOQ	0.2	0.09	Bifenthrin	< LOQ	0.2	0.09
Boscalid	< LOQ	0.4	0.19	Carbaryl	< LOQ	0.2	0.09
Carbofuran	< LOQ	0.2	0.09	Chlorantraniliprole	< LOQ	0.2	0.09
Chlorfenapyr	< LOQ	1	0.47	Chlorpyrifos	< LOQ	0.2	0.09
Clofentezine	< LOQ	0.2	0.09	Cyfluthrin	< LOQ	1	0.47
Cypermethrin	< LOQ	1	0.47	Daminozide	< LOQ	1	0.47
DDVP (Dichlorvos)	< LOQ	1	0.47	Diazinon	< LOQ	0.2	0.09
Dimethoate	< LOQ	0.2	0.09	Ethoprophos	< LOQ	0.2	0.09
Etofenprox	< LOQ	0.4	0.19	Etoxazole	< LOQ	0.2	0.09
Fenoxycarb	< LOQ	0.2	0.09	Fenpyroximate	< LOQ	0.4	0.19
Fipronil	< LOQ	0.4	0.19	Flonicamid	< LOQ	1	0.47
Fludioxonil	< LOQ	0.4	0.19	Hexythiazox	< LOQ	1	0.47
Imazalil	< LOQ	0.2	0.09	Imidacloprid	< LOQ	0.4	0.19
Kresoxim-methyl	< LOQ	0.4	0.19	Malathion	< LOQ	0.2	0.09
Metalaxyl	< LOQ	0.2	0.09	Methiocarb	< LOQ	0.2	0.09
Methomyl	< LOQ	0.4	0.19	Methyl parathion	< LOQ	0.2	0.09
MGK-264	< LOQ	0.2	0.09	Myclobutanil	< LOQ	0.2	0.09
Naled	< LOQ	0.5	0.24	Oxamyl	< LOQ	1	0.47
Paclobutrazol	< LOQ	0.4	0.19	Permethrins (total)	< LOQ	0.2	0.09
Phosmet	< LOQ	0.2	0.09	Piperonyl butoxide	< LOQ	2	0.47
Prallethrin	< LOQ	0.2	0.09	Propiconazole	< LOQ	0.4	0.19
Propoxur	< LOQ	0.2	0.09	Pyrethrins (total)	< LOQ	1	0.47
Pyridaben	< LOQ	0.2	0.09	Spinosad	< LOQ	0.2	0.09
Spiromesifen	< LOQ	0.2	0.09	Spirotetramat	< LOQ	0.2	0.09
Spiroxamine	< LOQ	0.4	0.19	Tebuconazole	< LOQ	0.4	0.19
Thiacloprid	< LOQ	0.2	0.09	Thiamethoxam	< LOQ	0.2	0.09
Trifloxystrobin	< LOQ	0.2	0.09				

<sup>&</sup>lt;LOQ - Results below the Limit of Quantitation - Compound not detected

Brian Weigel Lab Director

12 Things



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#### **Case Narrative**

Terpenes- Phytol exceeded normally accepted QC criteria in the sample duplicate. Due to relatively large variations in very small values calculated a high RPD.

Potency- CBDA exceeded normally accepted QC criteria in the sample duplicate. Due to relatively large variations in very small values calculated a high RPD.

### Quality Control Potency

Batch: B180404 - Potency/Terpenes

Blank(B180404-BLK1)	Extracted - 06/05/18 9:45 Analyzed - 06/05/18 15:44							
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(B180404-DUP1)		Extracted - 0	6/05/18 9:45 Analyzed - 06	6/05/18 16:01	
Analyte	Result	Units	Spike Source Level Result %REC	%REC Limits RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	0.83	%	0.86	3.94	20
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%	< LOQ		20
THCA (d9-Tetrahydrocannabinolic Acid)	28.06	%	28.26	0.685	20
CBD (Cannabidiol)	< LOQ	%	< LOQ		20
CBDA (Cannabidiolic Acid)	0.04	%	0.05	21.0	20
CBN (Cannabinol)	< LOQ	%	< LOQ		20
CBG (Cannabigerol)	0.16	%	0.16	2.40	20
CBGA (Cannabigerolic Acid)	0.18	%	0.19	5.11	20
CBDV (Cannabidivarin)	< LOQ	%	< LOQ		20
CBDVA (Cannabidivarinic Acid)	< LOQ	%	< LOQ		20
CBC (Cannabichromene)	< LOQ	%	< LOQ		20

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# **Quality Control Potency (Continued)**

Batch: B180404 - Potency/Terpenes (Continued)

Duplicate(B180404-DUP1)		Extracted - 0	6/05/18 9:4	5 Analy	zed - 06/	05/18 16:	01	
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
THCV (Tetrahydrocannabivarin)	< LOQ	%		< LOQ				20

LCS(B180404-BS1)	Extracted - 06/05/18 9:45 Analyzed - 06/05/18 15:52									
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit		
d9-THC (d9-Tetrahydrocannabinol)	0.04	%	0.0400		104	80-120				
CBD (Cannabidiol)	0.04	%	0.0400		109	80-120				
CBN (Cannabinol)	0.04	%	0.0400		89.9	80-120				



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# **Quality Control Pesticide Analysis**

Batch: B180406 - Pesticide Prep

Analyte         Result         Units         Level         Result         %REC         Limits         RPD         Limits           Abamedin         < LOQ         ppm	Blank(B180406-BLK1)	Extracted - 06/05/18 10:21 Analyzed - 06/06/18 17:58								
Acephate         < LOQ         ppm           Acetamiprid         < LOQ         ppm           Acetamiprid         < LOQ         ppm           Addicarb         < LOQ         ppm           Azxxystrobin         < LOQ         ppm           Bifentate         < LOQ         ppm           Bifenthin         < LOQ         ppm           Boscalid         < LOQ         ppm           Carbofura         < LOQ         ppm           Chorefuran         < LOQ         ppm           Chlorentramiliprole         < LOQ         ppm           Chlorentramiliprole         < LOQ         ppm           Chlorentramiliprole         < LOQ         ppm           Cloflentezine         < LOQ         ppm           Cloflentezine         < LOQ         ppm           Cyfluthrin         < LOQ         ppm           DDVP (Dichlores)         < LOQ         ppm           DDVP (Dichlores)         < LOQ         ppm           DDVP (Dichlores)         < LOQ         ppm           Eltopropha         < LOQ         ppm           Eltopropha         < LOQ         ppm           Eltopropox         < LOQ         ppm </th <th>Analyte</th> <th>Result</th> <th>Units</th> <th></th> <th></th> <th>%REC</th> <th></th> <th>RPD</th> <th>RPD Limit</th>	Analyte	Result	Units			%REC		RPD	RPD Limit	
Acequinocyl         < LOQ	Abamectin	< LOQ	ppm							
Acetamiprid         < LOQ	Acephate	< LOQ	ppm							
Aldicarb	Acequinocyl	< LOQ	ppm							
Azoxystrobin	Acetamiprid	< LOQ	ppm							
Bifenazate         < LOQ	Aldicarb	< LOQ	ppm							
Selfenthrin	Azoxystrobin	< LOQ	ppm							
Boscalid         < LOQ	Bifenazate	< LOQ	ppm							
CarbaryI         < LOQ	Bifenthrin	< LOQ	ppm							
Carbofuran         < LOQ	Boscalid	< LOQ	ppm							
Chlorantraniliprole         < LOQ	Carbaryl	< LOQ	ppm							
Chlorfenapyr         < LOQ	Carbofuran	< LOQ	ppm							
Chlorpyrifos         < LOQ         ppm           Clofentezine         < LOQ	Chlorantraniliprole	< LOQ	ppm							
Clofentezine         < LOQ	Chlorfenapyr	< LOQ	ppm							
Cyfluthrin         < LOQ         ppm           Cypermethrin         < LOQ	Chlorpyrifos	< LOQ	ppm							
Cypermethrin	Clofentezine	< LOQ	ppm							
Daminozide	Cyfluthrin	< LOQ	ppm							
DDVP (Dichlorvos)         < LOQ         ppm           Diazinon         < LOQ	Cypermethrin	< LOQ	ppm							
Diazinon         < LOQ	Daminozide	< 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 Hexythiazox < LOQ ppm Imazalil < LOQ ppm Imidacloprid < LOQ ppm	DDVP (Dichlorvos)	< LOQ	ppm							
Ethoprophos < LOQ ppm  Etorazole < LOQ ppm  Fenoxycarb < LOQ ppm  Fenpyroximate < LOQ ppm  Fipronil < LOQ ppm  Flouicamid < LOQ ppm  Fludioxonil < LOQ ppm  Hexythiazox < LOQ ppm  Imazalil < LOQ ppm  Kresoxim-methyl < LOQ ppm  Malathion < LOQ ppm  Flouicamid < LOQ ppm	Diazinon	< 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 Kresoxim-methyl < LOQ ppm Malathion < LOQ ppm	Dimethoate	< LOQ	ppm							
Etoxazole < LOQ ppm Fenoxycarb < LOQ ppm Fenorycamate < 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	Ethoprophos	< LOQ	ppm							
Fenoxycarb         < LOQ         ppm           Fenpyroximate         < LOQ	Etofenprox	< LOQ	ppm							
Fenpyroximate	Etoxazole	< LOQ	ppm							
Fipronil         < LOQ         ppm           Flonicamid         < LOQ	Fenoxycarb	< LOQ	ppm							
Flonicamid         < LOQ         ppm           Fludioxonil         < LOQ	Fenpyroximate	< LOQ	ppm							
Fludioxonil	Fipronil	< LOQ	ppm							
Hexythiazox         < LOQ	Flonicamid	< LOQ	ppm							
Imazalil         < LOQ	Fludioxonil	< LOQ	ppm							
Imidacloprid     < LOQ	Hexythiazox	< LOQ								
Kresoxim-methyl < LOQ ppm Malathion < LOQ ppm	Imazalil	< LOQ	ppm							
Malathion < LOQ ppm	Imidacloprid	< LOQ	ppm							
	Kresoxim-methyl	< LOQ								
	Malathion									
· · · · · · · · · · · · · · · · · · ·	Metalaxyl	< LOQ	ppm							



Lab Director



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# Quality Control Pesticide Analysis (Continued)

Batch: B180406 - Pesticide Prep (Continued)

Blank(B180406-BLK1)	Extr	acted - 06/05	/18 10:21 A	nalyzed	l - 06/06/	18 17:58		
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(B180406-BS1)	Extract	ed - 06/05/18	10:21 Ana	lyzed - 0	6/06/18	18:14		
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acephate	0.92	ppm	1.00		92.2	70-130		
Acetamiprid	1.03	ppm	1.00		103	70-130		
Aldicarb	0.98	ppm	1.00		97.8	70-130		
Bifenazate	0.82	ppm	1.00		81.6	70-130		
Boscalid	0.72	ppm	1.00		72.0	70-130		
Chlorantraniliprole	1.01	ppm	1.00		101	70-130		
Chlorpyrifos	0.58	ppm	1.00		58.3	70-130		
Cyfluthrin	0.78	ppm	1.00		77.8	70-130		

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# Quality Control Pesticide Analysis (Continued)

Batch: B180406 - Pesticide Prep (Continued)

LCS(B180406-BS1)	Extracted - 06/05/18 10:21 Analyzed - 06/06/18 18:14								
Analyte	Result	Units	•	ource esult %REC	%REC Limits	RPD	RPD Limit		
DDVP (Dichlorvos)	1.17	ppm	1.00	117	70-130				
Ethoprophos	0.81	ppm	1.00	81.2	70-130				
Etoxazole	0.72	ppm	1.00	72.3	70-130				
Fenoxycarb	0.68	ppm	1.00	68.2	70-130				
Flonicamid	1.06	ppm	1.00	106	70-130				
Imazalil	0.81	ppm	1.00	81.3	70-130				
Imidacloprid	1.13	ppm	1.00	113	70-130				
Methiocarb	0.98	ppm	1.00	97.5	70-130				
Myclobutanil	0.82	ppm	1.00	82.4	70-130				
Oxamyl	0.88	ppm	1.00	87.9	70-130				
Paclobutrazol	0.91	ppm	1.00	90.7	70-130				
Piperonyl butoxide	0.67	ppm	1.00	67.5	70-130				
Prallethrin	0.73	ppm	1.00	73.2	70-130				
Propoxur	0.96	ppm	1.00	95.5	70-130				
Spiromesifen	0.75	ppm	1.00	75.2	70-130				
Spiroxamine	0.49	ppm	1.00	49.5	70-130				
Thiacloprid	0.99	ppm	1.00	99.3	70-130				
Thiamethoxam	0.90	ppm	1.00	90.3	70-130				
Trifloxystrobin	0.80	ppm	1.00	80.5	70-130				

Matrix Spike(B180406-MS1)		Extracted -	06/05/18 10	:21 Ana	lyzed - (	06/06/18 1	8:30	
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acephate	1.81	ppm	1.99	< LOQ	90.7	70-130		
Acetamiprid	2.06	ppm	1.99	< LOQ	103	70-130		
Aldicarb	1.93	ppm	1.99	< LOQ	97.0	70-130		
Bifenazate	2.00	ppm	1.99	< LOQ	100	70-130		
Boscalid	1.52	ppm	1.99	< LOQ	76.1	70-130		
Chlorantraniliprole	1.68	ppm	1.99	< LOQ	84.1	70-130		
Chlorpyrifos	1.09	ppm	1.99	< LOQ	54.9	70-130		
Cyfluthrin	1.59	ppm	1.99	< LOQ	80.0	70-130		
DDVP (Dichlorvos)	2.00	ppm	1.99	< LOQ	100	70-130		
Ethoprophos	1.91	ppm	1.99	< LOQ	95.6	70-130		
Etoxazole	1.56	ppm	1.99	< LOQ	78.2	70-130		
Fenoxycarb	1.63	ppm	1.99	< LOQ	81.9	70-130		
Flonicamid	2.12	ppm	1.99	< LOQ	106	70-130		

Brian Weigel

Lab Director



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# Quality Control Pesticide Analysis (Continued)

Batch: B180406 - Pesticide Prep (Continued)

Matrix Spike(B180406-MS1)		Extracted - 06/05/18 10:21 Analyzed - 06/06/18 18:30								
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit		
lmazalil	1.51	ppm	1.99	< LOQ	75.8	70-130				
Imidacloprid	2.77	ppm	1.99	< LOQ	139	70-130				
Methiocarb	1.84	ppm	1.99	< LOQ	92.4	70-130				
Myclobutanil	1.96	ppm	1.99	< LOQ	98.4	70-130				
Oxamyl	1.74	ppm	1.99	< LOQ	87.3	70-130				
Paclobutrazol	1.71	ppm	1.99	< LOQ	85.6	70-130				
Piperonyl butoxide	1.32	ppm	1.99	< LOQ	66.1	70-130				
Prallethrin	1.26	ppm	1.99	< LOQ	63.1	70-130				
Propoxur	1.84	ppm	1.99	< LOQ	92.6	70-130				
Spiromesifen	1.24	ppm	1.99	< LOQ	62.2	70-130				
Spiroxamine	1.10	ppm	1.99	< LOQ	55.2	70-130				
Thiacloprid	2.04	ppm	1.99	< LOQ	102	70-130				
Thiamethoxam	2.03	ppm	1.99	< LOQ	102	70-130				
Trifloxystrobin	1.59	ppm	1.99	< LOQ	79.6	70-130				

Matrix Spike Dup(B1804	106-MSD1)	Extra	cted - 06/05	5/18 10:2	1 Analy	zed - 06/	06/18	
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acephate	1.71	ppm	1.96	< LOQ	87.6	70-130	3.52	30
Acetamiprid	1.80	ppm	1.96	< LOQ	91.9	70-130	11.5	30
Aldicarb	1.62	ppm	1.96	< LOQ	82.9	70-130	15.6	30
Bifenazate	1.98	ppm	1.96	< LOQ	101	70-130	1.02	30
Boscalid	1.40	ppm	1.96	< LOQ	71.5	70-130	6.24	30
Chlorantraniliprole	1.61	ppm	1.96	< LOQ	82.1	70-130	2.36	30
Chlorpyrifos	1.08	ppm	1.96	< LOQ	55.2	70-130	0.502	30
Cyfluthrin	0.99	ppm	1.96	< LOQ	50.8	70-130	44.6	30
DDVP (Dichlorvos)	1.72	ppm	1.96	< LOQ	87.8	70-130	13.2	30
Ethoprophos	1.87	ppm	1.96	< LOQ	95.6	70-130	0.0415	30
Etoxazole	1.50	ppm	1.96	< LOQ	76.8	70-130	1.86	30
Fenoxycarb	1.52	ppm	1.96	< LOQ	77.5	70-130	5.60	30
Flonicamid	2.04	ppm	1.96	< LOQ	104	70-130	1.86	30
Imazalil	1.46	ppm	1.96	< LOQ	74.6	70-130	1.62	30
Imidacloprid	2.41	ppm	1.96	< LOQ	123	70-130	12.1	30
Methiocarb	1.79	ppm	1.96	< LOQ	91.4	70-130	1.14	30
Myclobutanil	1.94	ppm	1.96	< LOQ	99.4	70-130	1.02	30
Oxamyl	1.64	ppm	1.96	< LOQ	83.9	70-130	4.02	30

12 Things

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Brian Weigel Lab Director



**SC Laboratories Oregon LLC** 

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## Quality Control Pesticide Analysis (Continued)

Batch: B180406 - Pesticide Prep (Continued)

Matrix Spike Dup(B1804	Extracted - 06/05/18 10:21 Analyzed - 06/06/18								
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Paclobutrazol	1.57	ppm	1.96	< LOQ	80.2	70-130	6.54	30	
Piperonyl butoxide	1.25	ppm	1.96	< LOQ	63.8	70-130	3.57	30	
Prallethrin	1.37	ppm	1.96	< LOQ	70.0	70-130	10.4	30	
Propoxur	1.78	ppm	1.96	< LOQ	91.2	70-130	1.50	30	
Spiromesifen	1.21	ppm	1.96	< LOQ	61.7	70-130	0.906	30	
Spiroxamine	1.08	ppm	1.96	< LOQ	55.1	70-130	0.212	30	
Thiacloprid	1.75	ppm	1.96	< LOQ	89.5	70-130	13.3	30	
Thiamethoxam	1.98	ppm	1.96	< LOQ	101	70-130	0.605	30	
Trifloxystrobin	1.63	ppm	1.96	< LOQ	83.5	70-130	4.87	30	



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### **Quality Control Moisture Content**

Batch: B180402 - Gravimetric

Duplicate(B180402-DUP1)		Extracted - 0	6/05/18 13:1	1 Analy	/zed - 06	/05/18 13	:11	
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Percent Moisture	12.6	%		12.8			1.68	20

Batch: B180403 - Water Activity

Duplicate(B180403-DUP1)		Extracted - 0	6/05/18 15:0	2 Analy	/zed - 06	/05/18 15	:02	
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Water Activity	0.593	AW		0.587			1.05	20

Batch: B180407 - Potency/Terpenes

Blank(B180407-BLK1)	Extr	acted - 06/05	/18 10:24 <i>A</i>	nalyzed	- 06/05/	18 15:48		
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	%						





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# **Quality Control**Terpene Analysis (Continued)

Batch: B180407 - Potency/Terpenes (Continued)

Blank(B180407-BLK1)	Extracted - 06/05/18 10:24 Analyzed - 06/05/18 15:48							
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Nerolidol	< LOQ	%						
R-(+)-Pulegone	< LOQ	%						
Eucalyptol	< LOQ	%						
p-Cymene	< LOQ	%						
(-)-Isopulegol	< LOQ	%						
Geranyl Acetate	< LOQ	%						
Guaiol	< LOQ	%						
Valencene	< LOQ	%						
Phytol	0.075	%						
Citronellol	< LOQ	%						
gamma-Terpinene	< LOQ	%						

Duplicate(B180407-DUP1)		Extracted - 0	6/05/18 10:24 Analyzed - 0	06/05/18 15:48	
Analyte	Result	Units	Spike Source Level Result %REC	%REC Limits RPD	RPD Limit
alpha Ocimene	< LOQ	%	<loq< td=""><td></td><td>20</td></loq<>		20
alpha Terpineol	0.061	%	0.063	3.54	20
beta Ocimene	< LOQ	%	< LOQ		20
beta Terpineol	< LOQ	%	< LOQ		20
cis-Nerolidol	< LOQ	%	< LOQ		20
Phytol 1	0.021	%	< LOQ		20
Phytol 2	0.028	%	0.025	10.8	20
trans-Nerolidol	< LOQ	%	< LOQ		20
alpha Pinene	0.047	%	0.050	6.27	20
Myrcene	0.457	%	0.475	3.77	20
alpha Phellandrene	< LOQ	%	< LOQ		20
3-Carene	< LOQ	%	< LOQ		20
alpha Terpinene	< LOQ	%	< LOQ		20
Limonene	0.587	%	0.611	3.99	20
Terpinolene	< LOQ	%	< LOQ		20
Linalool	0.163	%	0.164	1.13	20
Fenchol	0.051	%	0.055	7.33	20
Borneol	< LOQ	%	< LOQ		20
Terpineol	0.061	%	0.063	3.54	20
Geraniol	0.025	%	0.024	2.51	20
alpha Humulene	0.198	%	0.198	0.161	20



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Brian Weigel Lab Director



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# **Quality Control**Terpene Analysis (Continued)

Batch: B180407 - Potency/Terpenes (Continued)

Duplicate(B180407-DUP1)	Extracted - 06/05/18 10:24 Analyzed - 06/05/18 15:48									
Analyte	Result	Units	Spike Level	Source Result %F	%RE REC Limi		RPD Limit			
beta Caryophyllene	0.530	%		0.561		5.58	20			
Caryophyllene Oxide	0.027	%		0.023		16.9	20			
alpha Bisabolol	0.054	%		0.058		6.61	20			
Camphene	< LOQ	%		< LOQ			20			
beta Pinene	0.097	%		0.096		0.670	20			
Ocimene	< LOQ	%		< LOQ			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	< LOQ	%		< LOQ			20			
Valencene	0.097	%		0.090		7.56	20			
Phytol	0.049	%		0.025		65.1	20			
Citronellol	< LOQ	%		< LOQ			20			
gamma-Terpinene	< LOQ	%		< LOQ			20			



#### **CANNABIS TRANSPORTATION MANIFEST**



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 #:	0000753907	0753907 Date Created:				
Originating Entity:	Western Oregon Botanicals					
Originating License Number:	020-10021071D94					
Address of Originating Entity:	18270 SW Belton Road Sherwood, OR 97140				100 mm	
Phone No. of Originating Entity:	971-325-4690					
Contact Phone No. for Inq	uiries:	971-3	325-4690			
Destination # 1:	SC Laboratories	Dest	ination Phone I	No.:	707-339-0050	
Destination License Number:	010-1004748743D	Date a	nd Approximate Time	of Departure:	6/4/2018 3:25 PM	
Address of Destination:	15865 SW 74th Avenue Ste 110 Tigard, OR 97224	Date ar	nd Approximate Time	of Arrival:	6/4/2018 4:25 PM	
	rigard, OK 37224	Date/Ti	me Received:		6/4/2018 4:37	
Route to be Traveled:	*	Notes	details for extenuating	circumstances (e.	g., road closure, flat tire, etc.)	
Name of Person Transporting:	Scott Forster	Handl	er Permit No. of Dr	iver	In/a	
State Driver's License No.:	A625521	7.5.5.1.1.1.1.1.	ture of Person Trai		1 July 1	
Make, Model, License Plate No.:	Subaru Crosstrek 051JSA	Signa	ture of Person Trai	isporung.	Carl 4/2	
Package Label	Harvest Name		Item N	lame	Weight/Quantity	
1A40103000098BF000001060 Status: Shipped	Maui 5/25		ui Wowie ds (by strain))		Shp: 16.9000 g	
PRODUCT F	REJECTION (if only a portion of	of shipment is	s rejected, circle	that portion	above)	
Name of Person Receiving or Rejecting Product:	Neca Gary		<b>5</b> .			
I confirm that the contents of this circle	shipment match weight records enter d above. Those portions circled were	ed above, and I	agree to take custondividual delivering	dy of those po this shipment.	rtions of this shipment <i>not</i>	
Signature:		7		Date: Old	0.04.18	
Signature of individual taking red of rejected portion of this shipme					- 1 - 3 - 8	

Client: Western Oregon Botanicals Client License: 020-10021071D94 Date: 6/4/2018 Thermometer ID: T\_014

Location: 18270 SW Belton Rd Sherwood OR 97140 Requestor: Abdullah Naimi Event ID: 18F0007 Balance ID: SAMPLE-BAL\_03

Sampling SOP: SC-OR-SAMP-003 Sampler: Scott Forster Transporter: Scott Forster Hygrometer ID: ANOMETER\_03 Lab ORELAP ID: 4133 Weight used (g) Weight Set ID Initial Measured Initial P/F Final Measured Final P/F Criteria Lab OLCC ID: 1004748743D 0.5 SAMP\_CAL\_03 ±2.5% 0.5 0.5



					P		P	
	200		±2.5%	199.98		199.98		
Container Type		METRC Harvest/Pr	ocessing Lot ID #:		Product Type	Client Sample Name	Product Date	Batch Size (g)
Rubber Bin		Maui	5/25		Usable Marijuana	Maui Wowie	5/25/2018	2769
METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sample Media	# Zones	# of Inc.	1° Sample Size (g)	Sample Name
1A40103000098BF000001057	25	37.9	2	Mylar Pouch	4	8	2.1	Maui Wowie Primary
Lab Sample ID		Contai	ner ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
18F0007-01		Maui W	owie-1	A1	0	2.1	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-1	A3	2.1	4.2	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-1	A3	4.2	6.3	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-1	Α4	6.3	8.4	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-1	A4	8.4	10.5	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-2	B2	10.5	12.6	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-2	B2	12.6	14.7	2.1	1A40103000098BF000001060
18F0007-01		Maui W	owie-2	B2	14.7	16.8	2.1	1A40103000098BF000001060
		Minimu	m Sample Size = 15.9g	g (Usable Marijuana On	ly)		Total Sample Ma	ass = 16.8
		Batch #	Marks/Labels	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan
Observations and Abnormal	ties:							

18F0007