

Sample Name: **Green Crack**  
 Tested for: **Western Oregon Botanicals**  
**Compliance - Usable**

Laboratory ID: 18F0052-02

Matrix: Useable Marijuana

Sample Metrc ID: 1A40103000098BF000001108

Strain: Green Crack

Lot # GC 5/25

Date Sampled: 06/22/18 00:00

Batch RFID: 1A40103000098BF000001101

Date Accepted: 06/22/18

Batch Size: 2270 (g)

Results Valid Until: 06/22/19



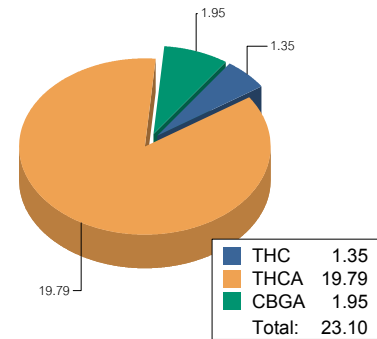
## Potency Analysis

Date Extracted: 06/25/18

Analysis Method/SOP: Potency

Date Analyzed: 06/25/18

\* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	Cannabinoids Profile								
<b>Total THC</b> ((THCA*0.877)+d9)	18.71	187.1	 <table border="1"> <tr> <td>THC</td> <td>1.35</td> </tr> <tr> <td>THCA</td> <td>19.79</td> </tr> <tr> <td>CBGA</td> <td>1.95</td> </tr> <tr> <td><b>Total:</b></td> <td><b>23.10</b></td> </tr> </table>	THC	1.35	THCA	19.79	CBGA	1.95	<b>Total:</b>	<b>23.10</b>
THC	1.35										
THCA	19.79										
CBGA	1.95										
<b>Total:</b>	<b>23.10</b>										
<b>Total CBD</b> ((CBDA*0.877)+CBD)	< LOQ	< LOQ									
d9-THC (d9-Tetrahydrocannabinol)*	1.35	13.5									
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ									
THCA (d9-Tetrahydrocannabinolic Acid)*	19.79	197.9									
CBD (Cannabidiol)*	< LOQ	< LOQ									
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ									
CBN (Cannabinol)*	< LOQ	< LOQ									
CBG (Cannabigerol)*	< LOQ	< LOQ									
CBGA (Cannabigerolic Acid)	1.95	19.5									
CBDV (Cannabidivarin)*	< LOQ	< LOQ									
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ									
CBC (Cannabichromene)*	< LOQ	< LOQ									
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ									
<b>Total Cannabinoids</b>	<b>23.28</b>	<b>232.8</b>									

## Water Activity and Moisture

Analyte	Result	Limit	Units	LOQ	Analyzed	Method
Water Activity	0.491	0.65	AW	0.0300	06/25/2018	Water Activity
Percent Moisture	10.7	15	%	0.10	06/25/2018	Moisture

Cannabinoids reported as dry weight (moisture corrected)

Results above the action level are highlighted in red #.

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



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Lab Director

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Sample Name: <b>Green Crack</b>	Date Sampled: <b>06/22/18 00:00</b>
Tested for: <b>Western Oregon Botanicals</b>	Date Accepted: <b>06/22/18</b>
<b>Compliance - Usable</b>	Results Valid Until: <b>06/22/19</b>
Laboratory ID: <b>18F0052-02</b> Strain: <b>Green Crack</b>	Sample Metrc ID: <b>1A40103000098BF000001108</b>
Matrix: <b>Useable Marijuana</b>	Batch RFID: <b>1A40103000098BF000001101</b>
Lot # <b>GC 5/25</b>	Batch Size: <b>2270 (g)</b>

### Terpene Analysis

Date Extracted: 06/25/18

Analysis Method/SOP: Potency

Date Analyzed: 06/26/18

Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.061	0.018	Myrcene	0.452	0.018
alpha Phellandrene	< LOQ	0.018	3-Carene	< LOQ	0.018
alpha Terpinene	< LOQ	0.018	Limonene	0.102	0.018
Terpinolene	< LOQ	0.018	Linalool	0.046	0.018
Fenchol	0.019	0.018	Borneol	< LOQ	0.018
Terpineol	0.038	0.018	Geraniol	0.044	0.018
alpha Humulene	0.136	0.018	beta Caryophyllene	0.256	0.018
Caryophyllene Oxide	< LOQ	0.018	alpha Bisabolol	0.089	0.018
Camphene	< LOQ	0.018	beta Pinene	0.051	0.018
Ocimene	0.225	0.018	Sabinene	< LOQ	0.018
Camphor	< LOQ	0.018	Isoborneol	< LOQ	0.018
Menthol	< LOQ	0.018	alpha Cedrene	< LOQ	0.018
Nerolidol	0.019	0.018	R-(+)-Pulegone	< LOQ	0.018
Eucalyptol	< LOQ	0.018	p-Cymene	< LOQ	0.018
(-)-Isopulegol	< LOQ	0.018	Geranyl Acetate	< LOQ	0.018
Guaiol	0.020	0.018	Valencene	0.068	0.018
Phytol	0.024	0.018	Citronellol	< LOQ	0.018
gamma-Terpinene	< LOQ	0.018			
<b>Total Terpenes</b>				<b>1.650 %</b>	

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

Terpene Analysis is not ORELAP Accredited.

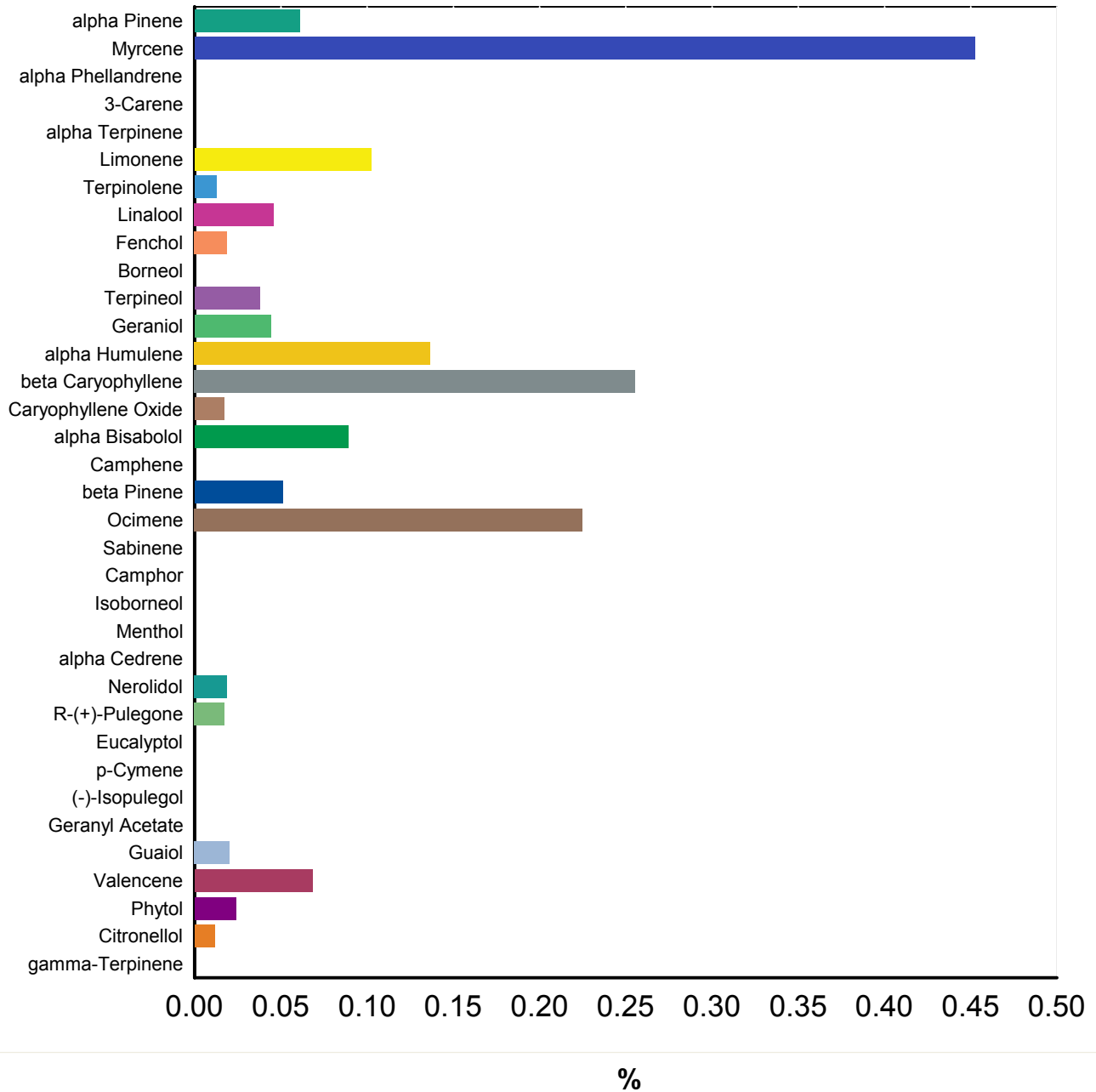


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Sample Name: <b>Green Crack</b>	Date Sampled: <b>06/22/18 00:00</b>
Tested for: <b>Western Oregon Botanicals</b>	Date Accepted: <b>06/22/18 14:08</b>
<b>Compliance - Usable</b>	Results Valid Until: <b>06/22/19</b>
Laboratory ID: <b>18F0052-02</b>	Matrix: <b>Useable Marijuana</b>
Client/Metric ID: <b>1A40103000098BF000001108</b>	

### Terpene Profile



*Brian Weigel*  
 Brian Weigel  
 Lab Director

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Sample Name: **Green Crack** Date Sampled: **06/22/18 00:00**  
 Tested for: **Western Oregon Botanicals** Date Accepted: **06/22/18**  
**Compliance - Usable** Results Valid Until: **06/22/19**

Laboratory ID: **18F0052-02** Strain: **Green Crack** Sample Metrc ID: **1A40103000098BF000001108**  
 Matrix: **Useable Marijuana** Batch RFID: **1A40103000098BF000001101**  
 Lot # **GC 5/25** Batch Size: **2270 (g)**

## Pesticide Analysis in ppm

Date Extracted: 06/26/18 Analysis Method/SOP: Pesticides  
 Date Analyzed: 06/26/18 Results above the action levels are highlighted 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	Fonicamid	< 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				

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



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Lab Director

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**Case Narrative**

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

Terpenes- Geraniol and alpha-Bisabolol exceeded normally accepted QC criteria in the sample duplicate. Due to relatively large variations in very small values calculated high RPD.

**Quality Control  
Potency**

**Batch: B180480 - Potency/Terpenes**

Blank(B180480-BLK1)		Extracted - 06/25/18 11:34 Analyzed - 06/25/18 16:22						
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(B180480-DUP1)		Extracted - 06/25/18 11:34 Analyzed - 06/25/18 16:39						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	1.14	%		1.00			13.6	20
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%		< LOQ				20
THCA (d9-Tetrahydrocannabinolic Acid)	20.89	%		18.33			13.1	20
CBD (Cannabidiol)	< LOQ	%		< LOQ				20
CBDA (Cannabidiolic Acid)	0.08	%		0.04			79.6	20
CBN (Cannabinol)	< LOQ	%		< LOQ				20
CBG (Cannabigerol)	0.10	%		0.09			10.9	20
CBGA (Cannabigerolic Acid)	0.69	%		0.60			13.5	20
CBDV (Cannabidivarin)	< LOQ	%		< LOQ				20
CBDVA (Cannabidivarinic Acid)	< LOQ	%		< LOQ				20
CBC (Cannabichromene)	0.04	%		0.04			3.31	20



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**Quality Control  
 Potency (Continued)**

**Batch: B180480 - Potency/Terpenes (Continued)**

<b>Duplicate(B180480-DUP1)</b>			<b>Extracted - 06/25/18 11:34 Analyzed - 06/25/18 16:39</b>					
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>

THCV (Tetrahydrocannabivarin)	< LOQ	%		< LOQ				20
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<b>LCS(B180480-BS1)</b>			<b>Extracted - 06/25/18 11:34 Analyzed - 06/25/18 16:30</b>					
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>

d9-THC (d9-Tetrahydrocannabinol)	0.04	%	0.0400		106	80-120		
CBD (Cannabidiol)	0.04	%	0.0400		111	80-120		
CBDA (Cannabidiolic Acid)	0.04	%	0.0400		97.2	80-120		
CBN (Cannabinol)	0.04	%	0.0400		89.9	80-120		



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## Quality Control Pesticide Analysis

**Batch: B180482 - Pesticide Prep**

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Blank(B180482-BLK1)</b>			<b>Extracted - 06/26/18 9:30 Analyzed - 06/26/18 16:35</b>					
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						
Fonicamid	< 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: B180482 - Pesticide Prep (Continued)**

<b>Blank(B180482-BLK1)</b>			<b>Extracted - 06/26/18 9:30 Analyzed - 06/26/18 16:35</b>					
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>
Methiocarb	< LOQ	ppm						
Methomyl	< LOQ	ppm						
Methyl parathion	< LOQ	ppm						
MGK-264	< LOQ	ppm						
Myclobutanil	< LOQ	ppm						
Naled	< LOQ	ppm						
Oxamyl	< LOQ	ppm						
Paclbutrazol	< 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						

<b>LCS(B180482-BS1)</b>			<b>Extracted - 06/26/18 9:30 Analyzed - 06/26/18 16:51</b>					
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>
Acephate	0.92	ppm	1.00		92.3	70-130		
Acetamiprid	0.86	ppm	1.00		86.4	70-130		
Aldicarb	0.84	ppm	1.00		83.5	70-130		
Bifenazate	0.93	ppm	1.00		92.7	70-130		
Boscalid	0.82	ppm	1.00		82.4	70-130		
Chlorantraniliprole	0.75	ppm	1.00		74.6	70-130		
Chlorpyrifos	0.76	ppm	1.00		75.9	70-130		
Cyfluthrin	0.71	ppm	1.00		70.8	70-130		



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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B180482 - Pesticide Prep (Continued)**

<b>LCS(B180482-BS1)</b>		<b>Extracted - 06/26/18 9:30 Analyzed - 06/26/18 16:51</b>						
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>
DDVP (Dichlorvos)	1.20	ppm	1.00		120	70-130		
Ethoprophos	0.82	ppm	1.00		82.1	70-130		
Etoxazole	0.71	ppm	1.00		71.3	70-130		
Fenoxycarb	1.10	ppm	1.00		110	70-130		
Flonicamid	1.14	ppm	1.00		114	70-130		
Imazalil	0.95	ppm	1.00		95.3	70-130		
Imidacloprid	0.75	ppm	1.00		74.6	70-130		
Methiocarb	0.77	ppm	1.00		77.4	70-130		
Myclobutanil	0.92	ppm	1.00		91.8	70-130		
Oxamyl	0.93	ppm	1.00		93.0	70-130		
Paclobutrazol	1.07	ppm	1.00		107	70-130		
Piperonyl butoxide	0.66	ppm	1.00		66.4	70-130		
Prallethrin	0.69	ppm	1.00		69.2	70-130		
Propoxur	0.93	ppm	1.00		93.4	70-130		
Spiromesifen	0.68	ppm	1.00		68.5	70-130		
Spiroxamine	0.50	ppm	1.00		49.6	70-130		
Thiacloprid	0.85	ppm	1.00		85.2	70-130		
Thiamethoxam	1.04	ppm	1.00		104	70-130		
Trifloxystrobin	0.71	ppm	1.00		70.6	70-130		

<b>Matrix Spike(B180482-MS1)</b>		<b>Extracted - 06/26/18 9:30 Analyzed - 06/26/18 17:08</b>						
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>%REC</b>	<b>%REC Limits</b>	<b>RPD</b>	<b>RPD Limit</b>
Acephate	1.65	ppm	1.81	< LOQ	91.0	70-130		
Acetamiprid	1.54	ppm	1.81	< LOQ	84.9	70-130		
Aldicarb	1.44	ppm	1.81	< LOQ	79.4	70-130		
Bifenazate	1.73	ppm	1.81	< LOQ	95.6	70-130		
Boscalid	1.67	ppm	1.81	< LOQ	92.5	70-130		
Chlorantraniliprole	1.28	ppm	1.81	< LOQ	70.8	70-130		
Chlorpyrifos	1.42	ppm	1.81	< LOQ	78.2	70-130		
Cyfluthrin	1.21	ppm	1.81	< LOQ	66.6	70-130		
DDVP (Dichlorvos)	1.70	ppm	1.81	< LOQ	93.7	70-130		
Ethoprophos	1.46	ppm	1.81	< LOQ	80.5	70-130		
Etoxazole	1.43	ppm	1.81	< LOQ	78.8	70-130		
Fenoxycarb	1.98	ppm	1.81	< LOQ	110	70-130		
Flonicamid	2.05	ppm	1.81	< LOQ	113	70-130		



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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B180482 - Pesticide Prep (Continued)**

Matrix Spike(B180482-MS1)			Extracted - 06/26/18 9:30 Analyzed - 06/26/18 17:08					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Imazalil	1.72	ppm	1.81	< LOQ	94.8	70-130		
Imidacloprid	1.37	ppm	1.81	< LOQ	75.6	70-130		
Methiocarb	1.40	ppm	1.81	< LOQ	77.5	70-130		
Myclobutanil	1.72	ppm	1.81	< LOQ	95.0	70-130		
Oxamyl	1.68	ppm	1.81	< LOQ	92.9	70-130		
Paclobutrazol	1.90	ppm	1.81	< LOQ	105	70-130		
Piperonyl butoxide	1.24	ppm	1.81	< LOQ	68.6	70-130		
Prallethrin	1.21	ppm	1.81	< LOQ	66.6	70-130		
Propoxur	1.67	ppm	1.81	< LOQ	92.0	70-130		
Spiromesifen	1.09	ppm	1.81	< LOQ	60.0	70-130		
Spiroxamine	0.92	ppm	1.81	< LOQ	51.0	70-130		
Thiacloprid	1.53	ppm	1.81	< LOQ	84.8	70-130		
Thiamethoxam	1.91	ppm	1.81	< LOQ	106	70-130		
Trifloxystrobin	1.47	ppm	1.81	< LOQ	81.0	70-130		

Matrix Spike Dup(B180482-MSD1)			Extracted - 06/26/18 9:30 Analyzed - 06/26/18					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acephate	1.63	ppm	1.80	< LOQ	90.5	70-130	0.614	30
Acetamiprid	1.59	ppm	1.80	< LOQ	87.9	70-130	3.44	30
Aldicarb	1.53	ppm	1.80	< LOQ	85.0	70-130	6.83	30
Bifenazate	1.80	ppm	1.80	< LOQ	99.5	70-130	3.99	30
Boscalid	1.68	ppm	1.80	< LOQ	93.2	70-130	0.694	30
Chlorantraniliprole	1.36	ppm	1.80	< LOQ	75.2	70-130	5.93	30
Chlorpyrifos	1.88	ppm	1.80	< LOQ	104	70-130	28.2	30
Cyfluthrin	1.64	ppm	1.80	< LOQ	90.7	70-130	30.7	30
DDVP (Dichlorvos)	1.80	ppm	1.80	< LOQ	99.8	70-130	6.31	30
Ethoprophos	1.52	ppm	1.80	< LOQ	84.4	70-130	4.76	30
Etoxazole	1.59	ppm	1.80	< LOQ	88.2	70-130	11.3	30
Fenoxycarb	2.04	ppm	1.80	< LOQ	113	70-130	3.34	30
Flonicamid	2.12	ppm	1.80	< LOQ	117	70-130	3.47	30
Imazalil	1.78	ppm	1.80	< LOQ	98.8	70-130	4.04	30
Imidacloprid	1.64	ppm	1.80	< LOQ	90.6	70-130	18.1	30
Methiocarb	1.45	ppm	1.80	< LOQ	80.5	70-130	3.72	30
Myclobutanil	1.78	ppm	1.80	< LOQ	98.9	70-130	3.98	30
Oxamyl	1.68	ppm	1.80	< LOQ	93.1	70-130	0.206	30



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Lab Director

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## Quality Control Pesticide Analysis (Continued)

**Batch: B180482 - Pesticide Prep (Continued)**

Matrix Spike Dup(B180482-MSD1)			Extracted - 06/26/18 9:30 Analyzed - 06/26/18					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Paclobutrazol	1.92	ppm	1.80	< LOQ	106	70-130	1.17	30
Piperonyl butoxide	1.45	ppm	1.80	< LOQ	80.1	70-130	15.5	30
Prallethrin	1.52	ppm	1.80	< LOQ	84.5	70-130	23.6	30
Propoxur	1.69	ppm	1.80	< LOQ	93.6	70-130	1.73	30
Spiromesifen	1.27	ppm	1.80	< LOQ	70.2	70-130	15.6	30
Spiroxamine	0.94	ppm	1.80	< LOQ	52.3	70-130	2.67	30
Thiacloprid	1.64	ppm	1.80	< LOQ	91.0	70-130	7.04	30
Thiamethoxam	1.94	ppm	1.80	< LOQ	107	70-130	1.71	30
Trifloxystrobin	1.74	ppm	1.80	< LOQ	96.7	70-130	17.7	30



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## Quality Control Terpene Analysis

**Batch: B180481 - Potency/Terpenes**

Blank(B180481-BLK1)			Extracted - 06/25/18 11:37 Analyzed - 06/26/18 11:36					
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	0.075	%						
Citronellol	< LOQ	%						
gamma-Terpinene	< LOQ	%						



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## Quality Control Terpene Analysis (Continued)

Batch: B180481 - Potency/Terpenes (Continued)

Duplicate(B180481-DUP1)		Extracted - 06/25/18 11:37 Analyzed - 06/26/18 11:36						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
alpha Ocimene	< LOQ	%		< LOQ				20
alpha Terpineol	< LOQ	%		< LOQ				20
beta Ocimene	0.071	%		0.059			17.9	20
beta Terpineol	< LOQ	%		< LOQ				20
cis-Nerolidol	< LOQ	%		< LOQ				20
Phytol 1	< LOQ	%		< LOQ				20
Phytol 2	< LOQ	%		< LOQ				20
trans-Nerolidol	< LOQ	%		< LOQ				20
alpha Pinene	0.122	%		0.110			10.8	20
Myrcene	0.611	%		0.564			8.03	20
alpha Phellandrene	< LOQ	%		< LOQ				20
3-Carene	< LOQ	%		< LOQ				20
alpha Terpinene	< LOQ	%		< LOQ				20
Limonene	0.036	%		0.034			7.26	20
Terpinolene	< LOQ	%		< LOQ				20
Linalool	0.029	%		0.028			6.55	20
Fenchol	< LOQ	%		< LOQ				20
Borneol	< LOQ	%		< LOQ				20
Terpineol	< LOQ	%		< LOQ				20
Geraniol	0.031	%		0.038			20.3	20
alpha Humulene	0.071	%		0.063			11.2	20
beta Caryophyllene	0.252	%		0.224			11.9	20
Caryophyllene Oxide	< LOQ	%		< LOQ				20
alpha Bisabolol	0.071	%		0.057			21.4	20
Camphene	< LOQ	%		< LOQ				20
beta Pinene	0.045	%		0.040			12.0	20
Ocimene	0.071	%		0.059			17.9	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



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## Quality Control

### Terpene Analysis (Continued)

**Batch: B180481 - Potency/Terpenes (Continued)**

Duplicate(B180481-DUP1)			Extracted - 06/25/18 11:37 Analyzed - 06/26/18 11:36					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
p-Cymene	< LOQ	%		< LOQ				20
(-)-Isopulegol	< LOQ	%		< LOQ				20
Geranyl Acetate	< LOQ	%		< LOQ				20
Guaiol	< LOQ	%		0.018				20
Valencene	0.029	%		0.027			8.25	20
Phytol	< LOQ	%		< LOQ				20
Citronellol	< LOQ	%		< LOQ				20
gamma-Terpinene	< LOQ	%		< LOQ				20

**Batch: B180483 - Gravimetric**

Duplicate(B180483-DUP1)			Extracted - 06/25/18 13:46 Analyzed - 06/25/18 13:46					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Percent Moisture	10.8	%		10.7			0.637	20

**Batch: B180484 - Water Activity**

Duplicate(B180484-DUP1)			Extracted - 06/25/18 15:11 Analyzed - 06/25/18 15:11					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Water Activity	0.487	AW		0.491			0.880	20



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Client: Western Oregon Botanicals Client License: 10021071D94 Date: 6/22/2018 Thermometer ID: T014  
 Location: 18270 sw belton rd sherwood 97140 Requestor: Abdullah Event ID: 18F0052 Balance ID: SAMP\_BAL\_02  
 Sampling SOP: SC-OR-SAMP-003 Sampler: Scott Forster Transporter: Scott Forster Hygrometer ID: Anemometer\_02

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	SAMP_CAL_02	±2.5%	0.5	P	0.5	P
200		±2.5%	199.97		199.97	

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Plastic Bin					Usable Marijuana	Granddaddy Purple		9080
METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sample Media	# Zones	# of Inc.	1* Sample Size (g)	Sample Name
1a40103000098BF000001102	22.8	66.5	3	Mylar Bag	4	10	3.5	Granddaddy Purple Primary
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#	
18F0052-01	Granddaddy Purple-1		A3	0	3.5	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-1		A4	3.5	7	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-2		B3	7	10.5	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C1	10.5	14	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C1	14	17.5	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C1	17.5	21	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C1	21	24.5	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C2	24.5	28	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C3	28	31.5	3.5	1A40103000098BF000001109	
18F0052-01	Granddaddy Purple-3		C4	31.5	34.9	3.4	1A40103000098BF000001109	
Minimum Sample Size = 34.2g (Usable Marijuana Only)					Total Sample Mass = 34.9			
Observations and Abnormalities:		Batch #	Marks/Labels	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan

Container Type	METRC Harvest/Processing Lot ID #:				Product Type	Client Sample Name	Product Date	Batch Size (g)
Plastic Bin					Usable Marijuana	Green Crack		4540
METRC Batch ID	Product Temp (°C)	Humidity (%)	# of Containers	Sample Media	# Zones	# of Inc.	1* Sample Size (g)	Sample Name
1a40103000098BF000001101	22.7	66.5	2	Mylar Bag	4	9	2.7	Green Crack Primary
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#	
18F0052-02	Green Crack-1		A1	0	2.7	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-1		A2	2.7	5.4	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-1		A3	5.4	8.1	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-1		A3	8.1	10.8	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-2		B1	10.8	13.5	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-2		B2	13.5	16.2	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-2		B3	16.2	18.9	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-2		B3	18.9	21.6	2.7	1A40103000098BF000001108	
18F0052-02	Green Crack-2		B4	21.6	24.24	2.64	1A40103000098BF000001108	

	Minimum Sample Size = 22.7g (Usable Marijuana Only)			Total Sample Mass = 24.24			
Observations and Abnormalities:	Batch #	Marks/Labels	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan





**OREGON LIQUOR CONTROL COMMISSION  
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.

<b>Manifest #:</b>	<b>0000792628</b>	<b>Date Created:</b>	<b>6/22/2018 11:41 AM</b>
<b>Originating Entity:</b>	Western Oregon Botanicals	<b>For OLCC Use Only</b>	
<b>Originating License Number:</b>	020-10021071D94		
<b>Address of Originating Entity:</b>	18270 SW Belton Road Sherwood, OR 97140		
<b>Phone No. of Originating Entity:</b>	971-325-4690		
<b>Contact Phone No. for Inquiries:</b>		<b>971-325-4690</b>	
<b>Destination # 1:</b>	SC Laboratories	<b>Destination Phone No.:</b>	707-339-0050
<b>Destination License Number:</b>	010-1004748743D	<b>Date and Approximate Time of Departure:</b>	6/22/2018 11:38 AM
<b>Address of Destination:</b>	15865 SW 74th Avenue Ste 110 Tigard, OR 97224	<b>Date and Approximate Time of Arrival:</b>	6/22/2018 6:38 PM
		<b>Date/Time Received:</b>	6/22/18 4:08 PM
		<b>Notes: details for extenuating circumstances (e.g., road closure, flat tire, etc.)</b>	
<b>Route to be Traveled:</b> 18270 SW Belton Road Sherwood, OR 97140 to 15865 SW 74th Avenue Ste 110 Tigard, OR 97224			
<b>Name of Person Transporting:</b>	Scott Forster	<b>Handler Permit No. of Driver:</b>	n/a
<b>State Driver's License No.:</b>	A625521	<b>Signature of Person Transporting:</b>	
<b>Make, Model, License Plate No.:</b>	Nissan NV 200 825kat		
<b>Package Label</b>	<b>Harvest Name</b>	<b>Item Name</b>	<b>Weight/Quantity</b>
1A40103000098BF000001108 Status: Shipped	GC 5/25	Green Crack (Buds (by strain))	Shp: 24.2400 g
1A40103000098BF000001109 Status: Shipped	GDP 5/25	Granddaddy Purple (Buds (by strain))	Shp: 34.2900 g
<b>PRODUCT REJECTION (if only a portion of shipment is rejected, circle that portion above)</b>			
<b>Name of Person Receiving or Rejecting Product:</b>	MIG		
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 <i>not</i> circled above. Those portions circled were returned to the individual delivering this shipment.			
<b>Signature:</b>			<b>Date:</b> 6-22-18
<b>Signature of individual taking receipt of rejected portion of this shipment:</b>			

