

## Ananda Farms

Williams, OR 97544  
Lic. # 100019879F7

## Sample: C01540

Strain: Critical Mass  
Batch #: Indirectly represented by C01538; Batch Size: 2877 - grams  
Ordered: 03/20/2017; Sampled: 03/21/2017; Completed: 04/04/2017; Expires: 04/04/2018

## Critical Mass

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: 1A4010300000836000000663; METRC Sample: 1A4010300000836000000675



12.4%

Total THC

<LOQ

Total CBD

## Cannabinoids

Pass

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	1	11.7	117	<div style="width: 100%; height: 10px; background-color: #008000;"></div>
Δ9-THC	1	2.1	21	<div style="width: 20%; height: 10px; background-color: #008000;"></div>
CBDa	1	<0.1	<1	
CBD	1	<0.1	<1	
CBN	1	<0.1	<1	
<b>Total</b>		<b>13.8</b>	<b>138</b>	

Surrogate standard recovery (Acceptance criteria: 90 - 110%) **99.6 %**

03/28/2017 00:00:00

170327-CANN

Cannabinoids Method: HPLC using an Agilent 1100 with DAD. Deviations from standard method or conditions: None. Recoveries for all analytes: 90-110%. Recoveries for internal standard: 90 - 110%. Uncertainties (based upon replicate recoveries) < 5% RSD. Sample and reagent blanks: < LOQ for all analytes. Values for plant matter are adjusted for moisture content. Total THC = THCa \* 0.877 + Δ9-THC, Total CBD = CBDa \* 0.877 + CBD. Abbreviations: LOQ = Limit of Quantitation, DAD = Diode Array Detector, HPLC = High Pressure Liquid Chromatography, RSD = Relative Standard Deviation, NR = Not Reported.



# Certificate of Analysis

This sample has been tested according to OAR 333-007.



Certificate number 4093  
Effective date 9/2/2016

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## Critical Mass

Plant, Flower - Cured, Outdoor

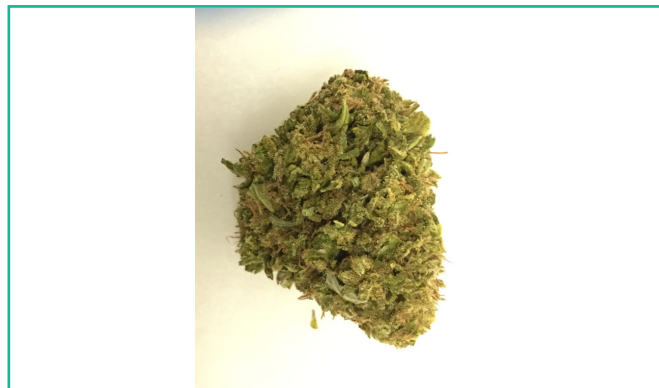
Harvest Process Lot: ; METRC Batch: 1A4010300000836000000663; METRC Sample: 1A4010300000836000000675



## Moisture

8.4%

Moisture



03/28/2017 00:00:00

Moisture Method: Loss on drying using Sartorius Mark 3. Deviations from standard method or conditions: None. Uncertainties: Not determined. NR = Not Reported

2412 W 11th Ave.  
Eugene, OR 97402  
(541) 735-3328  
<http://www.oganalytical.com>  
OLCC Marijuana Laboratory License: License # 1002766BA93

Rodger Voelker, Ph.D  
Lab Director

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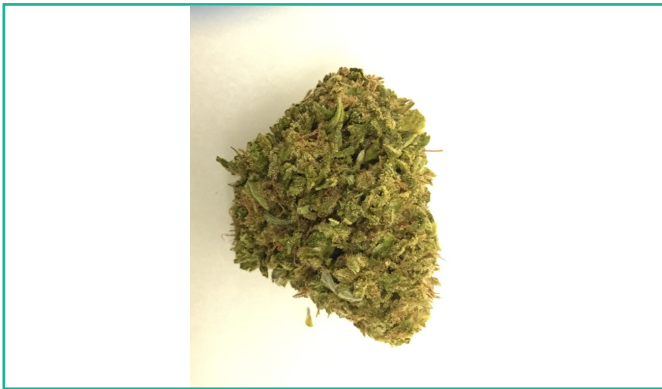
Plant, Flower - Cured, Outdoor  
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## Water Activity

Pass

**0.499**  
**Water Activity**



170327-CANN  
03/28/2017 00:00:00

Water Activity Method: Chilled mirror dewpoint using Decagon AquaLab 3TE. Deviations from standard method or conditions: None. Uncertainties: ±0.003 aw. NR = Not Reported

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## Terpenes

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
β-Myrcene	0.01	10.94	1.094
α-Pinene	0.01	3.30	0.330
β-Caryophyllene	0.02	3.18	0.318
β-Pinene	0.01	1.29	0.129
R(+)-Limonene	0.01	1.07	0.107
α-Bisabolol	0.05	1.07	0.107
α-Humulene	0.02	0.95	0.095
Guaiol	0.05	0.84	0.084
trans-Nerolidol	0.02	0.48	0.048
Linalool	0.01	0.47	0.047
Caryophyllene Oxide	0.05	0.25	0.025
Fenchol	0.01	0.23	0.023
α-Terpineol	0.01	0.23	0.023
Terpinolene	0.01	0.10	0.010
Borneol	0.01	0.10	0.010
Camphene	0.01	0.08	0.008
Fenchone	0.01	0.04	0.004
3-Carene	0.01	<0.01	<0.001
α-Terpinene	0.01	<0.01	<0.001
Isoborneol	0.01	<0.01	<0.001
Eucalyptol	0.01	<0.01	<0.001
cis-Nerolidol	0.02	<0.02	<0.002
γ-Terpinene	0.01	<0.01	<0.001
cis-Ocimene	0.01	<0.01	<0.001
α-Phellandrene	0.01	<0.01	<0.001
trans-Ocimene	0.01	<0.01	<0.001



Terpenes Method: Static-headspace using a PerkinElmer HS40/Agilent 6890 GC/Agilent 5973 Mass Spectrometer. QA/QC: Deviations from standard method or conditions: None. Recoveries for internal standard: 80-110%. Uncertainties: Not determined. Reagent blanks: < LOQ for all analytes. Abbreviations: LOQ = Limit of Quantitation, ND = None Detected; NR = Not Reported