

**Ananda Farms**

Williams, OR 97544

Lic. #100019879F7

**Sample: C06105**

Strain: Critical Mass

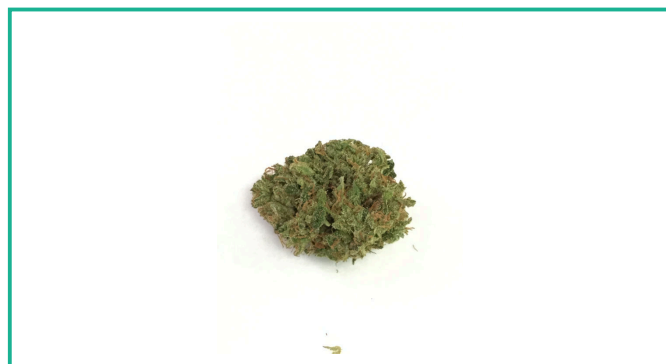
Batch#: 1152; Batch Size: 3.73 - grams

Sample Received: 11/09/2017; Report Created: 11/16/2017; Expires: 11/16/2018

**Critical Mass**

Plant, Flower - Cured

Harvest Process Lot: ; METRC Batch: 1152; METRC Sample: 1A4010300000836000001210



**6.62%**

Total THC

**12.46%**

Total CBD

**Cannabinoids**

171113R1-CANN  
11/13/2017

Pass

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	1.2	7.23	72.3	<div style="width: 72.3%;"></div>
Δ9-THC	1.2	0.28	2.8	<div style="width: 2.8%;"></div>
Δ8-THC	1.2	<LOQ	<LOQ	
CBD	1.2	0.36	3.6	<div style="width: 3.6%;"></div>
CBDa	1.2	13.80	138.0	<div style="width: 138.0%;"></div>
CBC	1.2	<LOQ	<LOQ	
CBG	1.2	<LOQ	<LOQ	
CBN	1.2	<LOQ	<LOQ	
THCV	1.2	<LOQ	<LOQ	
CBGa	1.2	0.72	7.2	<div style="width: 7.2%;"></div>
<b>Total</b>		<b>22.38</b>	<b>223.8</b>	

Surrogate standard recovery (Acceptance criteria: 90 - 110%) 94.5%

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 + d9-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. OG Analytical accreditation extends to the following analytes: THC, THCA, CBD, CBDA, and CBN.



# Certificate of Analysis

This sample has been tested according to OAR 333-0007.



Certificate Number: 4093  
Effective Date: 9/2/2016  
2 of 3

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## Moisture

171113R1-CANN

11/13/2017

Complete

7.2%

Moisture



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



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## Terpenes

171113

11/08/2017

Analyte	LOQ	Mass	Mass	
	mg/g	mg/g	%	
β-Myrcene	0.01	13.22	1.322	
β-Caryophyllene	0.03	7.46	0.746	
R(+)-Limonene	0.01	4.44	0.444	
α-Humulene	0.03	3.12	0.312	
Linalool	0.01	1.45	0.145	
Guaiol	0.06	0.70	0.070	
Fenchol	0.01	0.66	0.066	
β-Pinene	0.01	0.56	0.056	
α-Terpineol	0.01	0.48	0.048	
trans-Nerolidol	0.03	0.34	0.034	
α-Bisabolol	0.06	0.33	0.033	
α-Pinene	0.01	0.33	0.033	
Caryophyllene Oxide	0.06	0.31	0.031	
cis-Ocimene	0.01	0.16	0.016	
Camphene	0.01	0.15	0.015	
Borneol	0.01	0.12	0.012	
Fenchone	0.01	0.08	0.008	
Terpinolene	0.01	0.06	0.006	
3-Carene	0.01	<LOQ	<LOQ	
α-Phellandrene	0.01	<LOQ	<LOQ	
α-Terpinene	0.01	<LOQ	<LOQ	
cis-Nerolidol	0.03	<LOQ	<LOQ	
Eucalyptol	0.01	<LOQ	<LOQ	
γ-Terpinene	0.01	<LOQ	<LOQ	
Isoborneol	0.01	<LOQ	<LOQ	
trans-Ocimene	0.01	<LOQ	<LOQ	

## Primary Aromas



Hops



Cinnamon



Orange



Lavender



Wood

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