

## Ananda Farms

Williams, OR 97544  
Lic. # 100019879F7

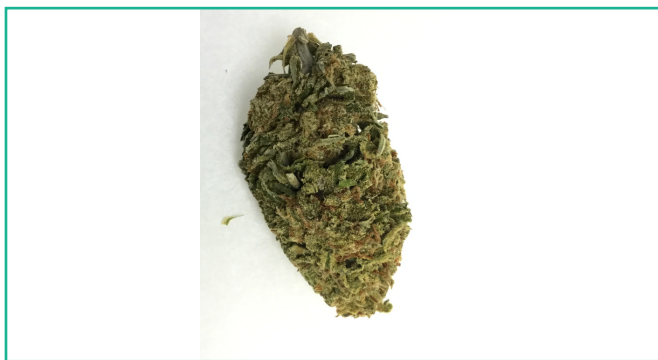
## Sample: C01538

Strain: Blockhead  
Batch #: 1A4010300000836000000662; Batch Size: 3793 - grams  
Ordered: 03/20/2017; Sampled: 03/21/2017; Completed: 03/28/2017; Expires: 03/28/2018

## Blockhead

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: 1A4010300000836000000662; METRC Sample: 1A4010300000836000000673



12.7%

Total THC

<LOQ

Total CBD

## Cannabinoids

Pass

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	1	12.9	129
Δ9-THC	1	1.4	14
CBDa	1	<0.1	<1
CBD	1	<0.1	<1
CBN	1	<0.1	<1
<b>Total</b>		<b>14.3</b>	<b>143.0</b>

Surrogate standard recovery (Acceptance criteria: 90 - 110%) 99 %

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



Certificate number 4093  
Effective date 9/2/2016

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

2 of 5

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## Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.212	0.500	<0.212	Pass	Hexythiazox	0.133	1.000	<0.133	Pass
Acephate	0.398	0.400	<0.398	Pass	Imazalil	0.053	0.200	<0.053	Pass
Acequinocyl	0.398	2.000	<0.398	Pass	Imidacloprid	0.053	0.400	<0.053	Pass
Acetamiprid	0.053	0.200	<0.053	Pass	Kresoxim Methyl	0.053	0.400	<0.053	Pass
Aldicarb	0.053	0.400	<0.053	Pass	MGK-264	0.053	0.200	<0.053	Pass
Azoxystrobin	0.053	0.200	<0.053	Pass	Malathion	0.027	0.200	<0.027	Pass
Bifenazate	0.027	0.200	<0.027	Pass	Metalaxyl	0.027	0.200	<0.027	Pass
Bifenthrin	0.133	0.200	<0.133	Pass	Methiocarb	0.027	0.200	<0.027	Pass
Boscalid	0.266	0.400	<0.266	Pass	Methomyl	0.133	0.400	<0.133	Pass
Carbaryl	0.053	0.200	<0.053	Pass	Methyl Parathion	0.053	0.200	<0.053	Pass
Carbofuran	0.053	0.200	<0.053	Pass	Myclobutanil	0.133	0.200	<0.133	Pass
Chlorantraniliprole	0.159	0.200	<0.159	Pass	Naled	0.133	0.500	<0.133	Pass
Chlorfenapyr	0.053	1.000	<0.053	Pass	Oxamyl	0.053	1.000	<0.053	Pass
Chlorpyrifos	0.053	0.200	<0.053	Pass	Pacllobutrazol	0.080	0.400	<0.080	Pass
Clofentezine	0.159	0.200	<0.159	Pass	Permethrins	0.186	0.200	<0.186	Pass
Cyfluthrin	0.053	1.000	<0.053	Pass	Phosmet	0.053	0.200	<0.053	Pass
Cypermethrin	0.053	1.000	<0.053	Pass	Piperonyl Butoxide	0.053	2.000	<0.053	Pass
Daminozide	0.930	1.000	<0.930	Pass	Prallethrin	0.186	0.200	<0.186	Pass
Diazinon	0.053	0.200	<0.053	Pass	Propiconazole	0.266	0.400	<0.266	Pass
Dichlorvos	0.133	1.000	<0.133	Pass	Propoxur	0.027	0.200	<0.027	Pass
Dimethoate	0.053	0.200	<0.053	Pass	Pyrethrins	0.398	1.000	<0.398	Pass
Ethoprophos	0.053	0.200	<0.053	Pass	Pyridaben	0.053	0.200	<0.053	Pass
Etofenprox	0.053	0.400	<0.053	Pass	Spinosad	0.053	0.200	<0.053	Pass
Etoxazole	0.027	0.200	<0.027	Pass	Spiromesifen	0.053	0.200	<0.053	Pass
Fenoxycarb	0.053	0.200	<0.053	Pass	Spirotetramat	0.053	0.200	<0.053	Pass
Fenpyroximate	0.027	0.400	<0.027	Pass	Spiroxamine	0.053	0.400	<0.053	Pass
Fipronil	0.053	0.400	<0.053	Pass	Tebuconazole	0.053	0.400	<0.053	Pass
Flonicamid	0.053	1.000	<0.053	Pass	Thiacloprid	0.053	0.200	<0.053	Pass
Fludioxonil	0.027	0.400	<0.027	Pass	Thiamethoxam	0.053	0.200	<0.053	Pass
					Trifloxystrobin	0.053	0.200	<0.053	Pass

03/25/2017 00:00:00

170324-PEST

Pesticides Method: Sample preparation based upon AOAC 2007.01 with in-house SPE cleanup. Analytical determination performed using an Agilent 1100 HPLC with ABSciex 3200 LC-MS/MS.  
QA/QC: Deviations from standard method or conditions: None. Recoveries for all analytes: 70-120%. Recoveries for internal standard: 80 - 110%. Uncertainties (based upon replicate recoveries) < 10% RSD. Sample and reagent blanks: < LOQ for all analytes. Abbreviations: LOQ = Limit of Quantitation, PPB = Parts Per Billion, ND = Not Determined, NA = Not Analyzed, RSD = Relative Standard Deviation; NR = Not Reported

2412 W 11th Ave.  
Eugene, OR 97402  
(541) 735-3328  
<http://www.oganalytical.com>



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Rodger Voelker, Ph.D  
Lab Director

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## Moisture

9.9%

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

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Plant, Flower - Cured, Outdoor  
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## Water Activity

Pass

**0.59**  
**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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## Blockhead

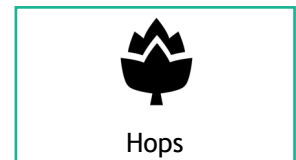
Plant, Flower - Cured, Outdoor

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## Terpenes

Analyte	LOQ	Mass	Mass	
	mg/g	mg/g	%	
β-Myrcene	0.01	13.62	1.362	
β-Caryophyllene	0.02	4.03	0.403	
α-Bisabolol	0.05	1.73	0.173	
α-Humulene	0.02	1.42	0.142	
α-Pinene	0.01	0.88	0.088	
Guaiol	0.05	0.72	0.072	
trans-Ocimene	0.01	0.69	0.069	
R(+)-Limonene	0.01	0.62	0.062	
β-Pinene	0.01	0.45	0.045	
Caryophyllene Oxide	0.05	0.38	0.038	
Linalool	0.01	0.20	0.020	
α-Terpineol	0.01	0.17	0.017	
Fenchol	0.01	0.16	0.016	
Terpinolene	0.01	0.09	0.009	
Borneol	0.01	0.09	0.009	
γ-Terpinene	0.01	0.07	0.007	
Fenchone	0.01	0.05	0.005	
Eucalyptol	0.01	0.04	0.004	
Camphene	0.01	0.03	0.003	
3-Carene	0.01	<0.01	<0.001	
α-Terpinene	0.01	<0.01	<0.001	
Isoborneol	0.01	<0.01	<0.001	
cis-Nerolidol	0.02	<0.02	<0.002	
trans-Nerolidol	0.02	<0.02	<0.002	
cis-Ocimene	0.01	<0.01	<0.001	
α-Phellandrene	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