

Certificate of Analysis

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



Certificate Number: 4093 Effective Date: 9/2/2016 1 of 3

Ananda Farms

Williams, OR 97544

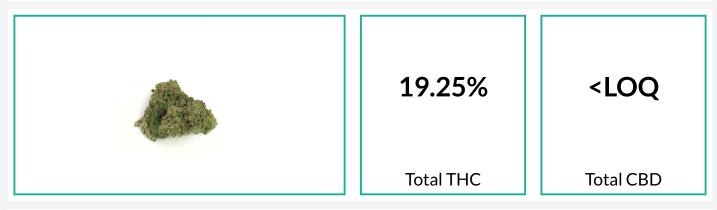
Sample: C06116

Strain: Rainbow Batch#: 1184; Batch Size: 4097 - grams Sample Received: 11/09/2017; Report Created: 11/16/2017; Expires: 11/16/2018

Lic. #100019879F7

Rainbow

Plant, Flower - Cured Harvest Process Lot: ; METRC Batch: 1184; METRC Sample: 1A4010300000836000001218



Cannabinoids

171113R1-CANN

11/13/2017

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	1.3	21.03	210.3	
∆9-THC	1.3	0.81	8.1	
∆8-THC	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDa	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBG	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBN	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCV	1.3	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBGa	1.3	0.50	5.0	
Total		22.33	223.3	

Surrogate standard recovery (Acceptance criteria: 90 - 110%) 100.3%

to perform the following tests: Pesticides, Potency, Residual Solvents, Moisture, and Water Activity on Cannabis and Cannabis products.

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.



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

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OLCC Marijuana Laboratory License #: 1002766BA93

Rodger Voelker, Ph.D Lab Director

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Pass



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Moisture

171113R1-CANN 11/13/2017



Complete

8.4%

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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Rainbow

Plant, Flower - Cured Harvest Process Lot: ; METRC Batch: 1184; METRC Sample: 1A4010300000836000001218

Terpenes

171113 11/08/2017

Analyte	LOQ	Mass	Mass	
	mg/g	mg/g	%	
β-Myrcene	0.02	29.68	2.968	
β-Caryophyllene	0.03	9.13	0.913	
trans-Ocimene	0.02	4.52	0.452	
α-Pinene	0.02	4.41	0.441	
α-Humulene	0.03	2.83	0.283	
Linalool	0.02	1.84	0.184	
β-Pinene	0.02	1.05	0.105	
R(+)-Limonene	0.02	0.63	0.063	
α-Bisabolol	0.06	0.50	0.050	
Caryophyllene Oxide	0.06	0.31	0.031	
cis-Ocimene	0.02	0.20	0.020	
Terpinolene	0.02	0.17	0.017	
α-Terpineol	0.02	0.14	0.014	
α-Phellandrene	0.02	0.12	0.012	
Camphene	0.02	0.12	0.012	
Borneol	0.02	0.10	0.010	
Eucalyptol	0.02	0.09	0.009	
y-Terpinene	0.02	0.06	0.006	
3-Carene	0.02	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Terpinene	0.02	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
cis-Nerolidol	0.03	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Fenchol	0.02	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Fenchone	0.02	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Guaiol	0.06	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Isoborneol	0.02	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
trans-Nerolidol	0.03	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	



Primary Aromas











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



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