

Certificate of Analysis

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



Certificate number 4093
Effective date 9/2/2016

1 of 4

Ananda Farms

Williams, OR 97544
Lic. # 100019879F7

Sample: C01544

Strain: Harlequin

Batch #: Indirectly represented by C01545; Batch Size: 3445 - grams

Ordered: 03/20/2017; Sampled: 03/21/2017; Completed: 04/04/2017; Expires: 04/04/2018

Harlequin

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: 1A4010300000836000000668; METRC Sample: 1A4010300000836000000677



4.9%

Total THC

10.0%

Total CBD

Cannabinoids

Pass

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	1	4.8	48	<div style="width: 48%;"></div>
Δ9-THC	1	0.7	7	<div style="width: 7%;"></div>
CBDa	1	10.8	108	<div style="width: 108%;"></div>
CBD	1	0.6	6	<div style="width: 6%;"></div>
CBN	1	<0.1	<1	
Total		16.9	169	

Surrogate standard recovery (Acceptance criteria: 90 - 110%)102.2%

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.

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Moisture

7.9%

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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Water Activity

Pass

0.487

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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Harlequin

Plant, Flower - Cured, Outdoor

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Terpenes

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
β-Myrcene	0.01	10.51	1.051
β-Caryophyllene	0.02	2.99	0.299
α-Pinene	0.01	1.84	0.184
trans-Ocimene	0.01	1.24	0.124
R(+)-Limonene	0.01	1.09	0.109
α-Humulene	0.02	0.97	0.097
α-Bisabolol	0.05	0.80	0.080
β-Pinene	0.01	0.75	0.075
Guaiol	0.05	0.59	0.059
Linalool	0.01	0.33	0.033
α-Terpineol	0.01	0.28	0.028
Fenchol	0.01	0.24	0.024
Caryophyllene Oxide	0.05	0.22	0.022
Borneol	0.01	0.11	0.011
Terpinolene	0.01	0.09	0.009
Camphene	0.01	0.07	0.007
γ-Terpinene	0.01	0.07	0.007
Fenchone	0.01	0.05	0.005
Eucalyptol	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



Skunk



Cinnamon



Pine



Earthy



Orange

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