



Certificate of Analysis

Powered by Confident Cannabis
1 of 7

sofresh farms

Portland, OR 97209
michelle@sofresh.farm
(503) 956-5266
Lic. # 020-100010499D8

Sample: PD170731-007

Strain: Bruce banner
Batch #: B1; Batch Size: 975 - grams
Ordered: 07/31/2017; Sampled: 07/31/2017; Completed: 08/03/2017; Expires: 08/03/2018

Bruce banner

Plant, Flower - Cured,
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001189; METRC Sample: 1A4010300001E17000001195



23.19%

Total THC

<LOQ

Total CBD

Cannabinoids

Pass

Potency-170802B-AP-HPLC2

08/02/2017 00:00:00

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.1	26.21	262.1
Δ9-THC	1.0	0.20	2.0
CBD	1.0	<LOQ	<LOQ
CBDa	1.0	<LOQ	<LOQ
CBC	1.0	<LOQ	<LOQ
CBG	1.0	<LOQ	<LOQ
CBN	1.0	<LOQ	<LOQ
THCV	1.0	NR	NR
Δ8-THC	1.0	<LOQ	<LOQ
CBDV	1.0	NR	NR
Total		26.41	264.1

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

Method: HPLC/UV. ND = Not Detected, measured value below LOQ; LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. CBN, CBG, CBC & d8-THC are not accredited analytes under ORELAP.



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Charles Lyle
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In compliance with Oregon Administrative Rules 333-007-0300 to OAR 333-007-0490, OAR 333-064 and OAR 845-025-5000 to OAR 845-025-5075. MRX Labs is an ORELAP / TNI 2009 accredited and OLCC licensed facility. Microbiological and terpene tests are not accredited. Unless otherwise noted, laboratory control and quality control samples met the method acceptance criteria - data available upon requests. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of MRX Labs LLC.



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Moisture

M-080217-RK
08/02/2017 00:00:00

12.5%

Moisture



Percent Moisture is an accredited method by ORELAP. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170802B-AP-HPLC2		Cannabinoids	Blank

QC Notes

Method Blank				Matrix Blank			
Compound	Result	Blank Limits (%)	Notes	Compound	Result	Blank Limits (%)	Notes
CBDa	<LOQ	<0.1		CBDa	<LOQ	<0.1	
THCa	<LOQ	<0.1		THCa	<LOQ	<0.1	
CBD	<LOQ	<0.1		CBD	<LOQ	<0.1	
Δ9-THC	<LOQ	<0.1		Δ9-THC	<LOQ	<0.1	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170802B-AP-HPLC2		Cannabinoids	Lab Control Sample

QC Notes

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	133.63	125	106.904	90-110	
THCa	130.49	125	104.392	90-110	
CBD	132.86	125	106.288	90-110	
Δ9-THC	128.62	125	102.896	90-110	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170802B-AP-HPLC2		Cannabinoids	Sample Duplicate

QC Notes

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% RSD	Limits (%)	Notes
CBDa	<LOQ	<LOQ	ERR	≤ 10	
THCa	20.7	21.2	1.68760568302	≤ 10	
CBD	<LOQ	<LOQ	ERR	≤ 10	
Δ9-THC	0.51	0.49	2.82842712475	≤ 10	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170802B-AP-HPLC2		Cannabinoids	Spike

QC Notes

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	25.31	25	101.24	80-120	
THCa	24.6	25	98.4	80-120	
CBD	25.57	25	102.28	80-120	
Δ9-THC	23.73	25	94.92	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	22.43	25	89.72	80-120	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
M-080217-RK		Moisture	Blank

QC Notes

Compound	Tray Tare Weight (g)	Sample Weight (g)	Total Weight After Drying (g)	Recovery (%)	Recovery Limits (%)	Notes
Method Blank	1.2754	NA	1.2734	99.8431864513	95-105	
Control Blank	1.264	0.5184	1.2622	99.8575949367	95-105	



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