



Certificate of Analysis

Powered by Confident Cannabis
1 of 9

sofresh farms

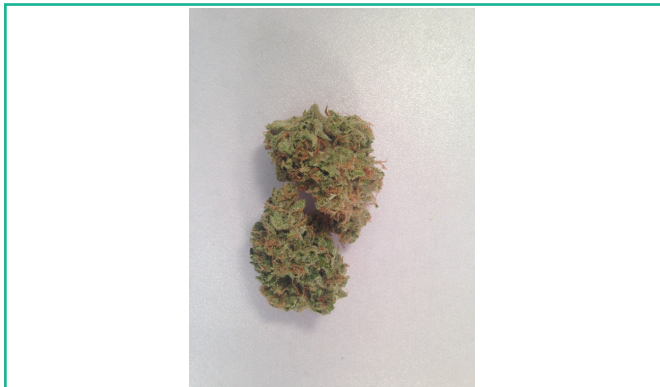
Portland, OR 97209
michelle@sofresh.farm
(503) 956-5266
Lic. # 020-100010499D8

Sample: PD170512-009

Strain: Betty Hayes
Batch #: ; Batch Size: 1725 - grams
Ordered: 05/12/2017; Sampled: 05/12/2017; Completed: 05/22/2017; Expires: 05/22/2018

Betty Hayes

Plant, Flower - Cured, Indoor
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000000879; METRC Sample: 1A4010300001E17000000897



31.17%
Total THC

4.80%
Total CBD

Cannabinoids

Pass

Potency-170518A-PS-HPLC2

05/18/2017 00:00:00

Analyte	LOQ	Mass	Mass	
	mg/g	%	mg/g	
THCa	1.0	33.55	335.5	
Δ9-THC	1.0	1.75	17.5	
CBD	1.0	<LOQ	<LOQ	
CBDa	1.0	5.47	54.7	
CBC	1.0	<LOQ	<LOQ	
CBG	1.0	<LOQ	<LOQ	
CBN	1.0	0.21	2.1	
THCV	1.0	NR	NR	
Δ8-THC	1.0	<LOQ	<LOQ	
CBDV	1.0	NR	NR	
Total		40.98	409.8	

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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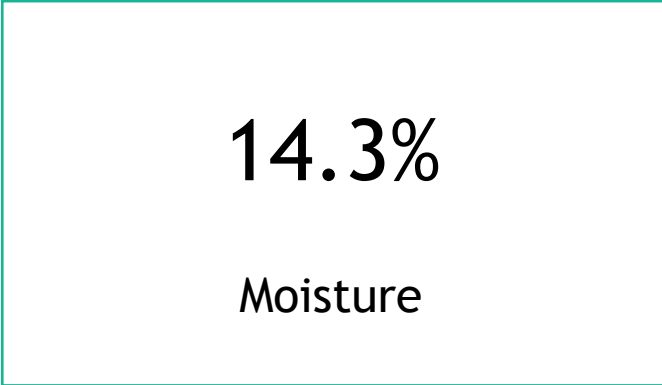
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Moisture

M-051817-AP
05/18/2017 00:00:00



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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Water Activity

Pass

W-051517-BB
05/15/2017 00:00:00

0.462_{aw}
Water Activity



Water Activity 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-170518A-PS-HPLC2		Cannabinoids	Sample Duplicate

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% Recovery	Limits (%)	Notes
CBDa	0.57	0.55	96.4912280702	90-110	
THCa	26.62	24.85	93.350864012	90-110	
CBD	<LOQ	<LOQ	ERR	90-110	
Δ9-THC	1.04	0.95	91.3461538462	90-110	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170518A-PS-HPLC2		Cannabinoids	Spike

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	23.77	25	95.08	80-120	
THCa	25.24	25	100.96	80-120	
CBD	22.7	25	90.8	80-120	
Δ9-THC	25.4	25	101.6	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	21.72	25	86.88	80-120	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170518A-PS-HPLC2		Cannabinoids	Lab Control Sample

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	242.98	250	97.192	90-110	
THCa	246.45	250	98.58	90-110	
CBD	261.37	250	104.548	90-110	
Δ9-THC	263.27	250	105.308	90-110	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170518A-PS-HPLC2		Cannabinoids	Blank

Method Blank

Matrix Blank

Compound	Result	Blank Limits (ppm)	Notes	Compound	Result	Blank Limits (ppm)	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
M-051817-AP		Moisture	Blank

Compound	Tray Tare Weight (g)	Sample Weight (g)	Total Weight After Drying (g)	Recovery (%)	Recovery Limits (%)	Notes
Method Blank	1.2672	NA	1.2652	99.8421717172	95-105	
Control Blank	1.2828	0.5168	1.2818	99.9220455254	95-105	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
W-051517-BB		Water Activity	Lab Control Sample

QC Type	Reported Standard (WA)	Expected Standard (WA)	Difference	Limit	Recorded Temp (C)	Expected Temp (C)	Difference	Limit	Notes
Beginning CCV	0.5005	0.5	0.0005	±0.005	24.74	25	0.26	±4	
Beginning CCV	0.7577	0.76	0.0023	±0.005	24.76	25	0.24	±4	
Ending CCV	0.4996	0.5	0.0004	±0.005	24.77	25	0.23	±4	
Ending CCV	0.7584	0.76	0.0016	±0.005	24.79	25	0.21	±4	



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