



Certificate of Analysis

Powered by Confident Cannabis
1 of 6

sofresh farms

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

Sample: PD170908-004

Strain: Ghost OG Flower
Batch#: GOGTC; Batch Size: 1564 - grams

Sample Received: 09/08/2017; Report Created: 09/14/2017; Expires: 09/14/2018

Ghost OG Flower

Plant, Flower - Cured
Harvest Process Lot: 7-11-17; METRC Batch: 1A4010300001E17000001348; METRC Sample: 1A4010300001E17000001437



28.78%
Total THC

<LOQ
Total CBD

Cannabinoids

Potency-170913A-PS-HPLC3
09/12/2017

Pass

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.01	30.71	307.1
Δ9-THC	0.10	1.85	18.5
Δ8-THC	0.10	<LOQ	<LOQ
THCV	0.10	NR	NR
CBDa	0.10	ND	ND
CBD	0.10	<LOQ	<LOQ
CBDV	0.10	NR	NR
CBN	0.10	<LOQ	<LOQ
CBG	0.10	<LOQ	<LOQ
CBC	0.10	<LOQ	<LOQ
Total		32.56	325.6

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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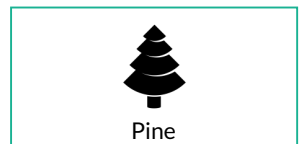
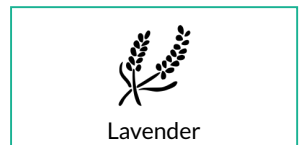
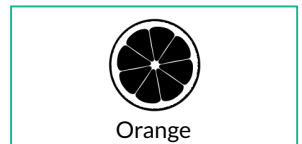
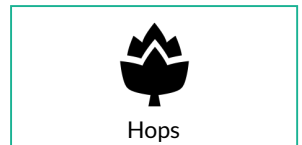


Terpenes

11 Sep 2017-TP-BB
09/11/2017

Analyte	LOQ	Mass	Mass	
	PPM	PPM	mg/g	
β-Myrcene	62.50	12040.54	12.04	<div style="width: 100%;"></div>
δ-Limonene	125.90	4421.20	4.42	<div style="width: 36%;"></div>
β-Caryophyllene	125.38	2233.34	2.23	<div style="width: 18%;"></div>
Linalool	125.90	1611.31	1.61	<div style="width: 13%;"></div>
β-Pinene	125.96	805.97	0.81	<div style="width: 6%;"></div>
α-Humulene	125.24	692.65	0.69	<div style="width: 5%;"></div>
α-Pinene	250.00	538.04	0.54	<div style="width: 4%;"></div>
Ocimene	125.42	148.42	0.15	<div style="width: 1%;"></div>
Camphene	126.10	133.03	0.13	<div style="width: 1%;"></div>
3-Carene	125.34	ND	ND	
α-Bisabolol	125.66	<LOQ	<LOQ	
α-Terpinene	125.30	ND	ND	
γ-Terpinene	126.14	ND	ND	
Guaiol	125.16	ND	ND	
Isopulegol	125.80	ND	ND	
Terpinolene	126.14	<LOQ	<LOQ	

Primary Aromas



22,624.50 PPM

Total Terpenes

Method: GC/MS Headspace. ND = Not Detected, measured value below LOQ; LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Terpenes are not an ORELAP Accredited Test.



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170913A-PS-HPLC3		Cannabinoids	Blank

QC Notes

None

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-170913A-PS-HPLC3		Cannabinoids	Lab Control Sample

QC Notes
None

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	256.6	250	102.64	90-110	
THCa	253.93	250	101.572	90-110	
CBD	252.58	250	101.032	90-110	
Δ9-THC	248.09	250	99.236	90-110	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170913A-PS-HPLC3		Cannabinoids	Sample Duplicate

QC Notes
None

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% RSD	Limits (%)	Notes
CBDa	< LOQ	< LOQ	ERR	≤ 10	
THCa	21.42	19.76	5.701	≤ 10	
CBD	< LOQ	< LOQ	ERR	≤ 10	
Δ9-THC	0.78	0.72	5.657	≤ 10	



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Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-170913A-PS-HPLC3		Cannabinoids	Spike

QC Notes

None

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	25.48	25	101.920	80-120	
THCa	26.97	25	107.88	80-120	
CBD	25.02	25	100.080	80-120	
Δ9-THC	25.91	25	103.64	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	22.32	25	89.28	80-120	



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