



# Certificate of Analysis

Powered by Confident Cannabis  
1 of 6

## sofresh farms

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

## Sample: PD171201-014

Strain: Sour OG Flower  
Batch#: SOGTGLDGHR3; Batch Size: 3388 - grams  
Sample Received: 12/01/2017; Report Created: 12/12/2017; Expires: 12/12/2018

## Sour OG Flower

Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: 1A4010300001E17000001770; METRC Sample: 1A4010300001E17000001777



**29.32%**  
Total THC

**ND**  
Total CBD

## Cannabinoids

Potency-171211B-AP-HPLC3  
12/11/2017

Pass

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.10	32.49	324.9
Δ9-THC	0.10	0.83	8.3
Δ8-THC	0.10	ND	ND
CBDa	0.10	ND	ND
CBD	0.10	ND	ND
CBN	0.10	<LOQ	<LOQ
CBG	0.10	ND	ND
CBC	0.10	ND	ND
<b>Total</b>		<b>33.32</b>	<b>333.2</b>

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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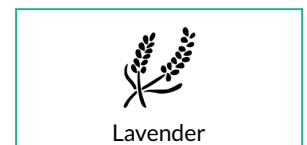
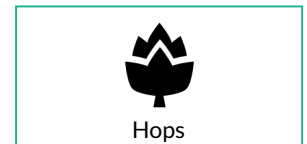
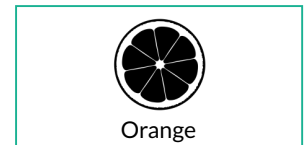


## Terpenes

Terpenes-171208-RK-Batch B  
12/08/2017

Analyte	LOQ	Mass	Mass
	PPM	PPM	mg/g
δ-Limonene	125.9	6540.5	6.5
β-Myrcene	62.5	5947.2	5.9
β-Caryophyllene	125.4	1525.1	1.5
Linalool	125.9	1416.6	1.4
β-Pinene	126.0	1035.2	1.0
α-Pinene	250.0	542.5	0.5
α-Humulene	125.2	394.4	0.4
Camphene	126.1	199.7	0.2
Terpinolene	126.1	137.8	0.1
3-Carene	125.3	ND	ND
α-Bisabolol	125.7	ND	ND
α-Terpinene	125.3	<LOQ	<LOQ
Eucalyptol	62.5	ND	ND
γ-Terpinene	126.1	ND	ND
Guaiol	125.2	ND	ND
Isopulegol	125.8	ND	ND
Ocimene	125.4	<LOQ	<LOQ

## Primary Aromas



**17,738.9 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-171211B-AP-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-171211B-AP-HPLC3		Cannabinoids	Lab Control Sample

QC Notes  
None

Compound	CCV Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	125.44	125	100.352	90-110	
THCa	124.59	125	99.672	90-110	
CBD	123.9	125	99.120	90-110	
Δ9-THC	129.9	125	103.920	90-110	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171211B-AP-HPLC3		Cannabinoids	Sample Duplicate

QC Notes  
None

Compound	Primary Sample Result (%)	Duplicate Sample Result (%)	% RSD	Limits (%)	Notes
CBDa	< LOQ	< LOQ	ERR	≤ 10	
THCa	22.06	22.21	0.479	≤ 10	
CBD	< LOQ	< LOQ	ERR	≤ 10	
Δ9-THC	1.1	1.08	1.297	≤ 10	



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
Potency-171211B-AP-HPLC3		Cannabinoids	Spike

QC Notes  
None

Compound	Post Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
CBDa	25.46	25	101.84	80-120	
THCa	25.27	25	101.08	80-120	
CBD	23.27	25	93.08	80-120	
Δ9-THC	23.7	25	94.8	80-120	
Compound	Pre Spike Result (ppm)	Expected Result (ppm)	% Recovery	Limits (%)	Notes
Δ8-THC	22.1	25	88.4	80-120	



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