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## Sour Brulee

Sample ID: SA-240102-32407 Batch:

Type: Plant Material Matrix: Plant - Flower

Unit Mass (g):

Received: 01/02/2024 Completed: 01/10/2024

### Client

Fern Valley Farms 4725 Fern Valley Farms Rd Medford, OR 97504

Lic. #: AG-R1066064HGS





Summary

Test Cannabinoids Moisture Terpenes

**Date Tested** 01/10/2024 01/05/2024 01/08/2024

**Status Tested Tested** Tested

1 of 2

0.0499 % Δ9-ΤΗС

12.9 % CBDA

15.4 % **Total Cannabinoids** 

10.49 % Moisture Content **Not Tested** 

Foreign Matter

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	0.0621	0.621
CBCA	0.00181	0.0054	0.704	7.04
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	0.403	4.03
CBDA	0.00043	0.0013	12.9	129
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	0.0438	0.438
CBG	0.00057	0.0017	0.0526	0.526
CBGA	0.00049	0.0015	0.517	5.17
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	0.0240	0.240
CBN	0.00056	0.0017	ND	ND
CBNA	0.0006	0.0018	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-ΤΗС	0.00104	0.0031	ND	ND
Δ9-ΤΗС	0.00076	0.0023	0.0499	0.499
Δ9-ΤΗCΑ	0.00084	0.0025	0.600	6.00
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
Total Δ9-THC			0.57637	5.76
Total			15.4	154

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC4 \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone

CCO Date: 01/10/2024 Tested By: Nicholas Howard Scientist Date: 01/10/2024

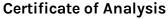


Accreditation #108651





This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories and provide measurement uncertainty upon request.





**KCA Laboratories** 232 North Plaza Drive Nicholasville, KY 40356

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## Sour Brulee

Sample ID: SA-240102-32407

Batch:

Type: Plant Material Matrix: Plant - Flower Unit Mass (g):

Received: 01/02/2024 Completed: 01/10/2024 Client

Fern Valley Farms 4725 Fern Valley Farms Rd Medford, OR 97504

Lic. #: AG-R1066064HGS

# Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.153	Limonene	0.002	0.01	0.0684
(+)-Borneol	0.002	0.01	<loq< th=""><th>Linalool</th><th>0.002</th><th>0.01</th><th>0.0151</th></loq<>	Linalool	0.002	0.01	0.0151
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	0.102
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	<loq< th=""><th>cis-Nerolidol</th><th>0.002</th><th>0.01</th><th>ND</th></loq<>	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.257	trans-Nerolidol	0.002	0.01	0.0318
Caryophyllene Oxide	0.002	0.01	0.0381	Ocimene	0.002	0.01	ND
<b>α</b> -Cedrene	0.002	0.01	ND	<b>α</b> -Phellandrene	0.002	0.01	0.0378
Cedrol	0.002	0.01	ND	<b>α</b> -Pinene	0.002	0.01	0.018
Eucalyptol	0.002	0.01	<loq< th=""><th>β-Pinene</th><th>0.002</th><th>0.01</th><th>0.0238</th></loq<>	β-Pinene	0.002	0.01	0.0238
Fenchone	0.004	0.02	<loq< th=""><th>Pulegone</th><th>0.002</th><th>0.01</th><th>ND</th></loq<>	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.0243	Sabinene	0.002	0.01	0.0118
Geraniol	0.002	0.01	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	<b>α</b> -Terpinene	0.002	0.01	0.0188
Guaiol	0.002	0.01	0.2	γ-Terpinene	0.002	0.01	0.0149
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	0.0151
<b>α</b> -Humulene	0.002	0.01	0.091	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.3
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			1.45

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit











Generated By: Ryan Bellone CCO

Date: 01/10/2024

Tested By: Jasper van Heemst **Principal Scientist** Date: 01/08/2024

