

Regulatory Compliance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 06/23/2022 | OVERALL BATCH RESULT: PASS

SAMPLE NAME: Mendo Punch (0.33g)

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: Central Coast Ag

Products, LLC

License Number: CDPH-10003156 Address: 1201 West Chestnut Ave.

Lompoc CA 93436

SAMPLE DETAIL

Sample ID: 220621N016

Source Metrc UID:

1A4060300002EE1000035222

DISTRIBUTOR

Business Name: CENTRAL COAST AG

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

Date Collected: 06/21/2022
Date Received: 06/21/2022
Batch Size: 2862.0 units
Sample Size: 55.0 units

Unit Mass: 0.33 grams per Unit

Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches





Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY PASS

Sum of Cannabinoids: 90.42%

Total Cannabinoids: 90.42%

Total THC: 88.092%

Total CBD: 0.128%

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN

(CBDV+0.8//*CBDVa) + $\Delta^{-1}HC$ + CBL + CBN

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 5.1953%

Limonene 20.830 mg/g

Myrcene 10.797 mg/g

β-Caryophyllene 5.653 mg/g

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology: PASS

Foreign Material: PASS

These results relate only to the sample included on this report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications. FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 1730, as attested by:

Date: 06/23/2022

Approved by: Josh Wurzer, President Date: 06/23/2022

in 4 CCR section 1730, as attested by:
Callie Stone



Regulatory Compliance Testing

CERTIFICATE OF ANALYSIS



MENDO PUNCH (0.33G) | DATE ISSUED 06/23/2022 | OVERALL BATCH RESULT: 🕢 PASS

CANNABINOID TEST RESULTS - 06/22/2022 PASS



Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). $\textbf{Method:} \ \, \text{QSP 1157 - Analysis of Cannabinoids by HPLC-DAD}$

TOTAL CANNABINOIDS: 90.42%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL THC: 88.092% Total THC (Δ9-THC+0.877*THCa)

TOTAL CBD: 0.128% Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 1.586%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.34% Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
∆9-THC	0.06 / 0.26	±23.609	880.92	88.092
CBG	0.06/0.19	±0.487	15.86	1.586
THCV	0.1/0.2	±0.13	3.4	0.34
CBN	0.1/0.3	±0.14	2.7	0.27
CBD	0.07/0.29	±0.046	1.28	0.128
Δ^8 -THC	0.1/0.4	N/A	ND	ND
THCa	0.05 / 0.14	N/A	ND	ND
THCVa	0.07 / 0.20	N/A	ND	ND
CBDa	0.02/0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBGa	0.1/0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
СВС	0.2 / 0.5	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			904.2 mg/g	90.42%

UNIT MASS: 0.33 grams per Unit

Δ^9 -THC per Unit	1100 per-package limit	290.70 mg/unit	PASS
Total THC per Unit		290.70 mg/unit	
CBD per Unit		0.42 mg/unit	
Total CBD per Unit		0.42 mg/unit	
Sum of Cannabinoids per Unit		298.4 mg/unit	
Total Cannabinoids per Unit		298.4 mg/unit	

TERPENOID TEST RESULTS - 06/23/2022

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID) Method: OSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND LOD/LOQ (mg/g) MEASUREMENT (mg/g) RESULT (mg/g) RESULT (mg/g) Limonene 0.005 / 0.016 ±0.2312 20.830 2.0830 Myrcene 0.008 / 0.025 ±0.1080 10.797 1.0797 β-Caryophyllene 0.004 / 0.012 ±0.1566 5.653 0.5653 β-Pinene 0.004 / 0.014 ±0.0320 3.597 0.3597 α-Pinene 0.005 / 0.017 ±0.0219 3.274 0.3274 α-Humulene 0.009 / 0.029 ±0.0342 1.450 0.1450 β-Ocimene 0.006 / 0.020 ±0.0347 1.388 0.1388 Terpinolene 0.008 / 0.026 ±0.0177 1.236 0.1236 Linalool 0.009 / 0.032 ±0.0332 1.120 0.1120 Fenchol 0.010 / 0.034 ±0.0238 0.791 0.0791 Terpineol 0.009 / 0.028 ±0.0040 0.179 0.0179 Terpineol 0.005 / 0.016 ±0.0041 0.125 0.0125 Terpineol 0.005 / 0.016 <	FID). Method: QSP 1192 - Analysis of Terpenoids by GC-FID						
Myrcene 0.008/0.025 ±0.1080 10.797 1.0797 β-Caryophyllene 0.004/0.012 ±0.1566 5.653 0.5653 β-Pinene 0.004/0.014 ±0.0320 3.597 0.3597 α-Pinene 0.005/0.017 ±0.0219 3.274 0.3274 α-Humulene 0.009/0.029 ±0.0362 1.450 0.1450 β-Ocimene 0.006/0.020 ±0.0347 1.388 0.1388 Terpinolene 0.008/0.026 ±0.0197 1.236 0.1236 Linalool 0.009/0.032 ±0.0332 1.120 0.1120 Fenchol 0.010/0.034 ±0.0238 0.791 0.0791 Terpinel 0.009/0.031 ±0.0233 0.488 0.0488 Camphene 0.005/0.015 ±0.0038 0.421 0.0421 Fenchone 0.009/0.028 ±0.0040 0.179 0.0179 Borneol 0.005/0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008/0.025 ±0.0032 0.117 0.0117 Citronellol 0.003/0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008/0.026 ±0.0037 0.088 0.0088 Valencene 0.009/0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.005/0.017 ±0.0004 0.036 0.0036 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.006/0.018 ±0.0004 0.035 0.0035 Guaiol 0.009/0.030 ±0.0011 0.031 0.0031 Sabinene 0.006/0.018 ±0.0001 0.031 0.0031 Sabinene Hydrate 0.006/0.018 N/A	COMPOUND		UNCERTAINTY				
β-Caryophyllene 0.004/0.012 ±0.1566 5.653 0.5653 β-Pinene 0.004/0.014 ±0.0320 3.597 0.3597 α-Pinene 0.005/0.017 ±0.0219 3.274 0.3274 α-Humulene 0.009/0.029 ±0.0362 1.450 0.1450 β-Ocimene 0.006/0.020 ±0.0347 1.388 0.1388 Terpinolene 0.008/0.026 ±0.0197 1.236 0.1236 Linalool 0.009/0.032 ±0.0332 1.120 0.1120 Fenchol 0.010/0.034 ±0.0238 0.791 0.0791 Terpineol 0.009/0.031 ±0.0233 0.488 0.0488 Camphene 0.005/0.015 ±0.0038 0.421 0.0421 Fenchone 0.005/0.015 ±0.0038 0.421 0.0421 Fenchone 0.005/0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008/0.025 ±0.0032 0.117 0.0117 Citronellol 0.003/0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008/0.026 ±0.0037 0.088 0.0088 Valencene 0.009/0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010/0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 α-Terpinene 0.006/0.018 ±0.0004 0.035 0.0035 α-Terpinene 0.006/0.018 ±0.0005 0.035 0.0035 α-Terpinene 0.006/0.018 ±0.0001 0.031 0.0031 Sabinene 0.004/0.014 N/A <0.00 <0.000 Caryophyllene 0.006/0.022 N/A <0.00 <0.000 Caryophyllene 0.006/0.018 ±0.0001 0.031 0.0031 Sabinene 0.004/0.014 N/A <0.00 <0.000 Sabinene 0.006/0.018 ±0.0001 0.031 0.0031 Sabinene 0.006/0.018 N/A ND ND ND ND ND Sopulegol 0.005/0.016 N/A ND ND ND ND ND ND Sopulegol 0.005/0.016 N/A ND ND ND ND ND ND Sopulegol 0.003/0.011 N/A ND ND ND ND ND ND Sopulegol 0.003/0.011 N/A ND ND ND ND ND ND Sepolegol 0.003/0.011 N/A ND ND ND ND ND ND Sopulegol 0.003/0.011 N/A ND ND ND ND ND ND Sopulegol 0.003/0.011 N/A ND ND ND ND ND ND ND ND ND	Limonene	0.005 / 0.016	±0.2312	20.830	2.0830		
β-Pinene 0.004/0.014 ±0.0320 3.597 0.3597 α-Pinene 0.005/0.017 ±0.0219 3.274 0.3274 α-Humulene 0.009/0.029 ±0.0362 1.450 0.1450 β-Ocimene 0.006/0.020 ±0.0347 1.388 0.1388 Terpinolene 0.008/0.026 ±0.0197 1.236 0.1236 Linalool 0.009/0.032 ±0.0332 1.120 0.1120 Fenchol 0.010/0.034 ±0.0238 0.791 0.0791 Terpineol 0.009/0.031 ±0.0233 0.488 0.0488 Camphene 0.005/0.015 ±0.0038 0.421 0.0421 Fenchone 0.005/0.015 ±0.0038 0.421 0.0421 Fenchone 0.005/0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008/0.025 ±0.0032 0.117 0.0117 Citronello 0.003/0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008/0.026 ±0.0037 0.088 0.0088 Valencene 0.009/0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010/0.033 ±0.0016 0.046 0.0036 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 α-Terpinene 0.006/0.018 ±0.0005 0.035 0.0035 Guaiol 0.009/0.030 ±0.0011 0.031 0.0031 Sabinene 0.004/0.014 N/A <0.00 <0.00 Caryophyllene 0.006/0.022 N/A <0.00 <0.000 Caryophyllene 0.006/0.018 ±0.0001 0.031 0.0031 Sabinene 0.004/0.014 N/A <0.00 <0.000 Sabinene 0.006/0.022 N/A <0.000 <0.0000 Caryophyllene 0.006/0.018 ×0.0011 0.031 0.0031 Sabinene 0.004/0.014 N/A <0.00 <0.0000 Sabinene 0.006/0.018 ×0.0011 0.031 0.0031 Sabinene 0.006/0.018 N/A N/D N/D N/D N/D N/D N/D Sepulegol 0.005/0.016 N/A N/D N/D Sipolegol 0.005/0.016 N/A N/D N/D Sipolegol 0.005/0.016 N/A N/D N/D Nerol 0.003/0.011 N/A N/D N/D Nerol 0.003/0.011 N/A N/D N/D Nerolidol 0.006/0.019 N/A N/D N/D Nerolidol 0.006/0.019 N/A N/D N/D Nerolidol 0.006/0.019 N/A N/D N/D Nerolidol	Myrcene	0.008 / 0.025	±0.1080	10.797	1.0797		
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α-Humulene 0.009 / 0.029 ±0.0362 1.450 0.1450 β-Ocimene 0.006 / 0.020 ±0.0347 1.388 0.1388 Terpinolene 0.008 / 0.026 ±0.0197 1.236 0.1236 Linalcol 0.009 / 0.032 ±0.0332 1.120 0.1120 Fenchol 0.010 / 0.034 ±0.0233 0.488 0.0488 Camphene 0.005 / 0.015 ±0.0038 0.421 0.0421 Fenchone 0.009 / 0.028 ±0.0040 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0034 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0034 0.125 0.0125 trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.025 ±0.0032 0.117 0.0117 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0051 Caryophyllene 0.006 / 0.033 ±0.0016	β-Pinene	0.004 / 0.014	±0.0320	3.597	0.3597		
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Terpinolene 0.008 / 0.026 ±0.0197 1.236 0.1236 Linalcol 0.009 / 0.032 ±0.0332 1.120 0.1120 Fenchol 0.010 / 0.034 ±0.0238 0.791 0.0791 Terpineol 0.009 / 0.031 ±0.0233 0.488 0.0488 Camphene 0.005 / 0.015 ±0.0038 0.421 0.0421 Fenchone 0.009 / 0.028 ±0.0040 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.005 / 0.018 ±0.0004 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <000 <000 <000 <000 <000 <000 <000 <0	α-Humulene	0.009/0.029	±0.0362	1.450	0.1450		
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Fenchol 0.010 / 0.034 ±0.0238 0.791 0.0791 Terpineol 0.009 / 0.031 ±0.0233 0.488 0.0488 Camphene 0.005 / 0.015 ±0.0038 0.421 0.0421 Fenchone 0.009 / 0.028 ±0.0040 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A < LOQ < LOQ Geranyl Acetate 0.004 / 0.014 N/A < LOQ < LOQ Geranyl Acetate 0.004 / 0.014 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Isopulegol 0.006 / 0.012 N/A ND ND Isopulegol 0.006 / 0.012 N/A ND ND Isoporneol 0.004 / 0.011 N/A ND ND Isoporneol 0.004 / 0.012 N/A ND ND Isoporneol 0.003 / 0.011 N/A ND ND Isoporneol 0.000 / 0.010 N/A ND ND Isoporneol 0.000 / 0.010 N/A ND ND Isoporneol 0.000 / 0.011 N/A ND ND	Terpinolene	0.008 / 0.026	±0.0197	1.236	0.1236		
Terpineol 0.009 / 0.031 ±0.0233 0.488 0.0488 Camphene 0.005 / 0.015 ±0.0038 0.421 0.0421 Fenchone 0.009 / 0.028 ±0.0040 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A < <loq 0.002="" 0.003="" 0.004="" 0.005="" 0.006="" 0.007="" 0.011="" 0.014="" 0.016="" 0.018="" 0.019="" <="" <loq="" a="" acetate="" eucalyptol="" geranyl="" isopulegol="" n="" nd="" nd<="" nerol="" nerolidol="" pulegone="" td=""><td>Linalool</td><td>0.009/0.032</td><td>±0.0332</td><td>1.120</td><td>0.1120</td></loq>	Linalool	0.009/0.032	±0.0332	1.120	0.1120		
Camphene 0.005 / 0.015 ±0.0038 0.421 0.0421 Fenchone 0.009 / 0.028 ±0.0040 0.179 0.0179 Borneol 0.005 / 0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 α-Terpinene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0001 0.031 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N	Fenchol	0.010 / 0.034	±0.0238	0.791	0.0791		
Fenchone 0.009/0.028 ±0.0040 0.179 0.0179 Borneol 0.005/0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008/0.025 ±0.0032 0.117 0.0117 Citronellol 0.003/0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008/0.026 ±0.0037 0.088 0.0088 Valencene 0.009/0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene 0.010/0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005/0.017 ±0.0004 0.036 0.0036 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006/0.030 ±0.0011 0.031 0.0031 Sabinene 0.004/0.014 N/A <loq 0.002="" 0.003="" 0.004="" 0.005="" 0.006="" 0.007="" 0.008="" 0.011="" 0.014="" 0.016="" 0.018="" 0.019="" 0.025="" <loq="" a="" acetate="" eucalyptol="" geraniol="" geranyl="" hydrate="" isopulegol="" menthol="" n="" nd="" nd<="" neroll="" pulegone="" sabinene="" td=""><td>Terpineol</td><td>0.009/0.031</td><td>±0.0233</td><td>0.488</td><td>0.0488</td></loq>	Terpineol	0.009/0.031	±0.0233	0.488	0.0488		
Borneol 0.005/0.016 ±0.0041 0.125 0.0125 trans-β-Farnesene 0.008/0.025 ±0.0032 0.117 0.0117 Citronellol 0.003/0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008/0.026 ±0.0037 0.088 0.0088 Valencene 0.009/0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010/0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005/0.017 ±0.0004 0.036 0.0036 α-Terpinene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006/0.018 ±0.0005 0.035 0.0035 Guaiol 0.009/0.030 ±0.0011 0.031 0.0031 Sabinene 0.004/0.018 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.004/0.014 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004/0.018 N/A ND</loq<></loq<></loq<></loq<>	Camphene	0.005 / 0.015	±0.0038	0.421	0.0421		
trans-β-Farnesene 0.008 / 0.025 ±0.0032 0.117 0.0117 Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 α-Terpinene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A ND ND Isopulegol 0.005 / 0.016 N/A</loq<></loq<></loq<></loq<>	Fenchone	0.009 / 0.028	±0.0040	0.179	0.0179		
Citronellol 0.003 / 0.010 ±0.0036 0.095 0.0095 α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 α'-Terpinene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A N/A ND ND Bucklyptol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.018 N/A</loq<></loq<></loq<></loq<>	Borneol	0.005/0.016	±0.0041	0.125	0.0125		
α-Bisabolol 0.008 / 0.026 ±0.0037 0.088 0.0088 Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A N/A ND ND Bucalyptol 0.005 / 0.016 N/A ND ND Isophore 0.006 / 0.018 N/A ND ND Isophorneol 0.004 / 0.012 N/A</loq<></loq<></loq<></loq<>	trans-β-Farnesene	0.008 / 0.025	±0.0032	0.117	0.0117		
Valencene 0.009 / 0.030 ±0.0038 0.070 0.0070 α-Phellandrene 0.006 / 0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.004 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.012 N/A N/A ND ND Eucalyptol 0.005 / 0.016 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Nerol 0.003 / 0.011 N/A ND <t< td=""><td>Citronellol</td><td>0.003 / 0.010</td><td>±0.0036</td><td>0.095</td><td>0.0095</td></t<></loq<></loq<></loq<></loq<>	Citronellol	0.003 / 0.010	±0.0036	0.095	0.0095		
α-Phellandrene 0.006/0.020 ±0.0005 0.051 0.0051 Caryophyllene Oxide 0.010/0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005/0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005/0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006/0.018 ±0.0005 0.035 0.0035 Guaiol 0.009/0.030 ±0.0011 0.031 0.0031 Sabinene 0.004/0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006/0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004/0.014 N/A N/A ND ND Eucalyptol 0.005/0.016 N/A ND ND Isopulegol 0.005/0.018 N/A ND ND Isopulegol 0.006/0.019 N/A ND ND Isopulegol 0.006/0.019 N/A ND ND Isopulegol 0.006/0.019 N/A ND ND</loq<></loq<></loq<></loq<>	α-Bisabolol	0.008 / 0.026	±0.0037	0.088	0.0088		
Caryophyllene Oxide 0.010 / 0.033 ±0.0016 0.046 0.0046 α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A N/A ND ND Eucalyptol 0.005 / 0.016 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND No ND ND ND Nerol 0.003 / 0.011 N/A ND ND No ND ND ND ND No 0.003 / 0.011</loq<></loq<></loq<></loq<>	Valencene	0.009/0.030	±0.0038	0.070	0.0070		
α-Terpinene 0.005 / 0.017 ±0.0004 0.036 0.0036 Δ³-Carene 0.005 / 0.018 ±0.0004 0.035 0.0035 γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A ND ND Eucalyptol 0.005 / 0.016 N/A ND ND Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.003 / 0.011 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Quertary 0.0</loq<></loq<></loq<></loq<>	α-Phellandrene	0.006 / 0.020	±0.0005	0.051	0.0051		
Δ³-Carene	Caryophyllene Oxide	0.010 / 0.033	±0.0016	0.046	0.0046		
γ-Terpinene 0.006 / 0.018 ±0.0005 0.035 0.0035 Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A ND ND P-Cymene 0.005 / 0.016 N/A ND ND Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Occedrene 0.005 / 0.016 N/A ND ND No NO NO</loq<></loq<></loq<></loq<>	α -Terpinene	0.005 / 0.017	±0.0004	0.036	0.0036		
Guaiol 0.009 / 0.030 ±0.0011 0.031 0.0031 Sabinene 0.004 / 0.014 N/A <loq< td=""> <loq< td=""> Sabinene Hydrate 0.006 / 0.022 N/A <loq< td=""> <loq< td=""> Geranyl Acetate 0.004 / 0.014 N/A ND ND P-Cymene 0.005 / 0.016 N/A ND ND Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Nerolidol 0.006 / 0.019 N/A</loq<></loq<></loq<></loq<>	Δ^3 -Carene	0.005/0.018	±0.0004	0.035	0.0035		
Sabinene 0.004 / 0.014 N/A < LOQ < LOQ Sabinene Hydrate 0.006 / 0.022 N/A < LOQ	γ-Terpinene	0.006 / 0.018	±0.0005	0.035	0.0035		
Sabinene Hydrate 0.006 / 0.022 N/A < LOQ < LOQ Geranyl Acetate 0.004 / 0.014 N/A < LOQ	Guaiol	0.009/0.030	±0.0011	0.031	0.0031		
Geranyl Acetate 0.004 / 0.014 N/A < LOQ < LOQ p-Cymene 0.005 / 0.016 N/A ND ND Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Nerolidol 0.008 / 0.027 N/A ND ND	Sabinene	0.004 / 0.014	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>		
p-Cymene 0.005 / 0.016 N/A ND ND Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND Nerol 0.005 / 0.016 N/A ND ND Ca-Cedrene 0.005 / 0.019 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Sabinene Hydrate	0.006 / 0.022	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>		
Eucalyptol 0.006 / 0.018 N/A ND ND Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Geranyl Acetate	0.004 / 0.014	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>		
Isopulegol 0.005 / 0.016 N/A ND ND Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Nerolidol 0.008 / 0.027 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	p-Cymene	0.005/0.016	N/A	ND	ND		
Camphor 0.006 / 0.019 N/A ND ND Isoborneol 0.004 / 0.012 N/A ND ND Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Eucalyptol	0.006 / 0.018	N/A	ND	ND		
Isoborneol 0.004 / 0.012 N/A ND ND	Isopulegol	0.005 / 0.016	N/A	ND	ND		
Menthol 0.008 / 0.025 N/A ND ND Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Camphor	0.006 / 0.019	N/A	ND	ND		
Nerol 0.003 / 0.011 N/A ND ND Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Isoborneol	0.004 / 0.012	N/A	ND	ND		
Pulegone 0.003 / 0.011 N/A ND ND Geraniol 0.002 / 0.007 N/A ND ND α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Menthol	0.008 / 0.025	N/A	ND	ND		
Geraniol 0.002/0.007 N/A ND ND α-Cedrene 0.005/0.016 N/A ND ND Nerolidol 0.006/0.019 N/A ND ND Cedrol 0.008/0.027 N/A ND ND	Nerol	0.003 / 0.011	N/A	ND	ND		
α-Cedrene 0.005 / 0.016 N/A ND ND Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Pulegone	0.003 / 0.011	N/A	ND	ND		
Nerolidol 0.006 / 0.019 N/A ND ND Cedrol 0.008 / 0.027 N/A ND ND	Geraniol	0.002 / 0.007	N/A	ND	ND		
Cedrol 0.008 / 0.027 N/A ND ND	α-Cedrene	0.005 / 0.016	N/A	ND	ND		
	Nerolidol	0.006 / 0.019	N/A	ND	ND		
TOTAL TERPENOIDS 51.953 mg/g 5.1953%	Cedrol	0.008 / 0.027	N/A	ND	ND		
	TOTAL TERPENOIDS			51.953 mg/g	5.1953%		