ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

3Chi Terpene - Layer Cake
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 220210-LayerCake
Batch Date: 2022-02-10

Test Reg State: Florida

Order # 3CH220210-080001
Order Date: 2022-02-10
Sample # AACL773

Sampling Date: 2022-02-14
Lab Batch Date: 2022-02-14
Completion Date: 2022-02-18

Initial Gross Weight: 10.076 g

Product Image

Terpenes
Tested

Potency Panel Not Included

Terpenes Summary

Analyte	Result (mg/g)	(%)
Farnesene	272.066	27.207%
Terpinolene	189.99	18.999%
(R)-(+)-Limonene	138.439	13.844%
beta-Myrcene	116.982	11.698%
trans-Caryophyllene	104.961	10.496%
alpha-Humulene	38.902	3.89%
Linalool	29.565	2.956%
beta-Pinene	17.497	1.75%
alpha-Pinene	16.492	1.649%
Fenchyl Alcohol	11.057	1.106%
Hexahydrothymol	10.258	1.026%
alpha-Phellandrene	8.363	0.836%
Gamma-Terpinene	6.475	0.647%
alpha-Terpinene	6.136	0.614%
3-Carene	5.791	0.579%
Eucalyptol	4.516	0.452%
trans-Nerolidol	3.248	0.325%
Camphene	2.775	0.277%
Borneol	1.587	0.159%
Caryophyllene oxide	1.413	0.141%

Total Terpenes: 98.651%

Detailed Terpenes Analysis is on the following page

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87) , *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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Initial Gross Weight: 10.076 g

Terpenes

Tested
(GC/GCMS)

Specimen Weight: 90.050 mg

Dilution Factor: 200.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Farnesene	0.002	272.066	27.207	Caryophyllene oxide	0.002	1.413	0.141
Terpinolene	0.002	189.990	18.999	Ocimene	0.000		<LOQ
(R)-(+)-Limonene	0.002	138.439	13.844	Total Terpineol	0.001		<LOQ
beta-Myrcene	0.002	116.982	11.698	Pulegone	0.002		<LOQ
trans-Caryophyllene	0.002	104.961	10.496	Sabinene	0.002		<LOQ
alpha-Humulene	0.002	38.902	3.890	Sabinene Hydrate	0.002		<LOQ
Linalool	0.002	29.565	2.956	Nerol	0.002		<LOQ
beta-Pinene	0.002	17.497	1.750	(+)-Cedrol	0.002		<LOQ
alpha-Pinene	0.002	16.492	1.649	Isopulegol	0.002		<LOQ
Fenchyl Alcohol	0.002	11.057	1.106	Isoborneol	0.002		<LOQ
Hexahydrothymol	0.002	10.258	1.026	Guaiol	0.002		<LOQ
alpha-Phellandrene	0.002	8.363	0.836	Geranyl acetate	0.002		<LOQ
Gamma-Terpinene	0.002	6.475	0.647	Geraniol	0.002		<LOQ
alpha-Terpinene	0.002	6.136	0.614	Fenchone	0.002		<LOQ
3-Carene	0.002	5.791	0.579	cis-Nerolidol	0.002		<LOQ
Eucalyptol	0.002	4.516	0.452	Camphors	0.006		<LOQ
trans-Nerolidol	0.002	3.248	0.325	alpha-Cedrene	0.002		<LOQ
Camphene	0.002	2.775	0.277	alpha-Bisabolol	0.002		<LOQ
Borneol	0.004	1.587	0.159	Valencene	0.002		<LOQ

Total Terpenes: 98.651%

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