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

2oz 500mg FS Oil
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Core Roots CBD
PO Box 4480
Jersey City, NJ 07304

Batch # COR16-04
Batch Date: 2021-02-22
Extracted From: Hemp

Test Reg State: Florida

Production Date: 2021-02-22

Order # BEY210224-070029
Order Date: 2021-02-24
Sample # AABA394

Sampling Date: 2021-03-02
Lab Batch Date: 2021-03-02
Completion Date: 2021-03-05

Initial Gross Weight: 39749.000 g
Density: 0.9485 g/ml



Product Image

Potency Tested

Terpenes Tested

Potency - 11

Specimen Weight: 94.560 mg

Tested (HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	8.663	0.913
CBG	10.000	0.000248	0.001	0.355	0.037
CBC	10.000	0.000018	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
Delta-8 THC	10.000	0.000026	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.00008	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.00001	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

Potency Summary

Total THC None Detected	**Total CBD** 0.913%
Total CBG 0.037%	**Total CBN** None Detected
Other Cannabinoids None Detected	**Total Cannabinoids** 0.951%

Terpenes Summary

Analyte	Result (mg/ml) (%)

Total Terpenes: 0.000%

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 THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *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 , *Measurement of Uncertainty = +/- 5%

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Terpenes - FL

Specimen Weight: 44.100 mg
Dilution Factor: 1.000

Tested (GC)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.02		<LOQ	Nerol	0.02		<LOQ
Geraniol	0.02		<LOQ	Geranyl acetate	0.02		<LOQ
Guaiol	0.02		<LOQ	Hexahydrothymol	0.02		<LOQ
Isoborneol	0.02		<LOQ	Isopulegol	0.02		<LOQ
Linalool	0.02		<LOQ	Ocimene	0.014		<LOQ
Fenchyl Alcohol	0.02		<LOQ	Pulegone	0.02		<LOQ
Sabinene	0.02		<LOQ	Sabinene Hydrate	0.02		<LOQ
Terpineol	0.02		<LOQ	Terpinolene	0.02		<LOQ
trans-Caryophyllene	0.02		<LOQ	trans-Nerolidol	0.02		<LOQ
Gamma-Terpinene	0.02		<LOQ	Fenchone	0.02		<LOQ
(R)-(+)-Limonene	0.02		<LOQ	alpha-Terpinene	0.02		<LOQ
3-Carene	0.02		<LOQ	alpha-Bisabolol	0.02		<LOQ
alpha-Cedrene	0.02		<LOQ	alpha-Humulene	0.02		<LOQ
alpha-Phellandrene	0.02		<LOQ	alpha-Pinene	0.02		<LOQ
Farnesene	0.02		<LOQ	beta-Myrcene	0.02		<LOQ
beta-Pinene	0.02		<LOQ	Borneol	0.04		<LOQ
Camphene	0.02		<LOQ	Camphors	0.04		<LOQ
Caryophyllene oxide	0.02		<LOQ	cis-Nerolidol	0.02		<LOQ
Eucalyptol	0.02		<LOQ	Valencene	0.02		<LOQ

Total Terpenes: 0.000%

Xueli Gao Ph.D., DABT — Lab Toxicologist

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

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