



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

Certificate of Analysis
 R&D

ESSENTIALS LLC
 200 NORTH GREENSBORO ST. A-10
 CARRBORO, NC 27510

Batch # B9M6-2000
 Batch Date: 2021-07-12
 Extracted From: hemp

Test Reg State: Florida

Order # ESS210712-010010
 Order Date: 2021-07-12
 Sample # AABP768

Sampling Date: 2021-07-14
 Lab Batch Date: 2021-07-14
 Completion Date: 2021-07-22

Initial Gross Weight: 75.853 g
 Net Weight: 13.719 g
 Density: .969 g/ml

Number of Units: 1
 Net Weight per Unit: 13719.000 mg



Product Image

**Potency
 Tested**

Potency - 11

Specimen Weight: 87.710 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	42.898	4.427
CBG	10.000	0.000248	0.001	2.354	0.243
CBC	10.000	0.000018	0.001	1.841	0.190
CBN	10.000	0.000014	0.001	1.373	0.142
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
Delta-8 THC	10.000	0.000026	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ

Tested
 (HPLC/LCMS)

Potency Summary

Total THC None Detected	Total CBD 4.427% 588.513mg
Total CBG 0.243% 32.290mg	Total CBN 0.142% 18.837mg
Other Cannabinoids 0.190% 25.258mg	Total Cannabinoids 5.002% 664.898mg

Please see the 3000mg report for detailed Pesticide, Heavy Metal, Residual Solvent, Mycotoxin, and Pathogen test results.

Xueli Gao Lab Toxicologist
 Ph.D., DABT

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



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, (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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