



Certificate of Analysis

R&D

Client Information:

ESSENTIALS LLC

200 NORTH GREENSBORO ST. A-10

A-10

CARRBORO, NC 27510

Batch # B37M3-500
Batch Date: 2023-09-22
Extracted From: Hemp

Test Reg State: Utah

Order # ESS230922-010005

Order Date: 2023-09-22

Sample # AAEW653

Sampling Date: 2023-09-25

Lab Batch Date: 2023-09-25

Orig. Completion Date: 2023-09-28

Initial Gross Weight: 81.167 g

Density: 0.957 g/ml

Number of Units: 1

Net Weight per Unit: 60000.000 mg

Statement of Amendment: Updated Net Weight, Density



Potency
Tested

Product Image

Potency 10
Specimen Weight: 101.000 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	Result (%)
CBD	10.000	5.40E-5	0.015	12.096	1.264
CBC	10.000	1.80E-5	0.015	0.230	0.024
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			12.096	1.264
Total Active THC	10.000			<LOQ	<LOQ



Potency Summary

Total Active THC None Detected	Total Active CBD 1.264% 758.400mg
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.024% 14.4mg	Total Cannabinoids 1.288% 772.800mg

Aixia Sun

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = 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, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per UT rule R68-37. Failed - Analyte/microbe is at the level that equal or above the action limit per UT rule R68-37 Sample not received via laboratory sampling. Revised report- see statement of amendment above.

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