



License No. 800025015
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CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

UPSTREAM ORGANICS
10120 E. LOMA RICA DR.
PALMER, AK 99645

Batch # 32
Batch Date: 2021-03-06
Extracted From: Hemp

Test Reg State: Alaska

Production Facility: Upstream Organics
Production Date: 2021-03-06

Order # UPS210306-010008
Order Date: 2021-03-06
Sample # AAB443

Sampling Date: 2021-03-08
Lab Batch Date: 2021-03-08
Completion Date: 2021-03-12

Initial Gross Weight: 79.561 g
Net Weight: 29.283 g
Density: 0.9595 g/ml

Number of Units: 1
Net Weight per Unit: 29283.000 mg



Product Image



Potency - 11

Specimen Weight: 103.630 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBDA	10.000	0.00001	0.001	3.705	0.386
CBD	10.000	0.000054	0.001	1.939	0.202
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	
CBG	10.000	0.000248	0.001	<LOQ	
CBDV	10.000	0.000065	0.001	<LOQ	
THCA-A	10.000	0.000032	0.001	<LOQ	

Tested
(HPLC/LCMS)



Potency Summary

Total THC None Detected	Total CBD 0.541% 151.923mg
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 0.541% 151.923mg

Xueli Gao
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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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