



Certificate of Analysis

Compliance Test

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

Batch # 27
Batch Date: 2020-12-16
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Upstream Organics
Production Date: 2020-12-16

Order # UPS201218-050015
Order Date: 2020-12-18
Sample # AAV610

Sampling Date: 2020-12-22
Lab Batch Date: 2020-12-22
Completion Date: 2020-12-28

Initial Gross Weight: 79.568 g
Net Weight: 29.747 g
Density: 0.9796 g/ml

Number of Units: 1
Net Weight per Unit: 29747.000 mg



Product Image

Potency Tested



Potency - 11

Specimen Weight: 102.690 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBDA	10.000	0.00001	0.001	21.394	2.184
CBD	10.000	0.000054	0.001	1.229	0.126
THCA-A	10.000	0.000032	0.001	0.713	0.073
CBGA	10.000	0.00008	0.001	0.697	0.071
Delta-9 THC	10.000	0.000013	0.001	0.159	0.016
Delta-8 THC	10.000	0.000026	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBC	10.000	0.000018	0.001		<LOQ

Tested (HPLC/LCMS)



Potency Summary

Total CBD 2.041% 594.712mg	Total THC 0.080% 23.330mg
Total CBG 0.062% 18.180mg	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 2.183% 636.223mg

Xueli Gao *Aixia Sun*

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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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