



Certificate of Analysis

Compliance Test

Client Information:

PURE SHENANDOAH
154 W SPOTSWOOD AVE
ELKTON, VIRGINIA 22827

Batch # 1003
Batch Date: 2025-02-20
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Brothers Craft Brewery

Order # PUR250303-050001
Order Date: 2025-03-03
Sample # AAGL455

Sampling Date: 2025-03-04
Lab Batch Date: 2025-03-04
Completion Date: 2025-03-11

Volume: 250 ml

Number of Units: 1
Net Weight per Unit: 254301.000 mg



Product Image



Potency
Tested



Potency 10

Specimen Weight: 250000.000 mg

Tested

SOP13.001 (LCMS)

Analyte	LOD (mg/g)	LOQ (%)	Result (µg/ml)	(%)
CBD	5.40E-5	0.015	5.777	0.000578
Delta-9 THC	1.30E-5	0.015	4.806	0.000481
CBG	2.48E-4	0.015	3.933	0.000393
CBC	1.80E-5	0.015	0.413	4.1E-5
CBDA	1.00E-5	0.015	<LOQ	<LOQ
CBDV	6.50E-5	0.015	<LOQ	<LOQ
CBGA	8.00E-5	0.015	<LOQ	<LOQ
CBN	1.40E-5	0.015	<LOQ	<LOQ
THCA-A	3.20E-5	0.015	<LOQ	<LOQ
THCV	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD			0.006	0.000578
Total Active THC			0.005	0.000481



Potency Summary

Total Active THC	0.000481%	1.203mg	Total Active CBD	0.000578%	1.445mg
Total CBG	0.000393%	0.983mg	Total CBN	-	ND
Total Cannabinoids	0.001493%	3.733mg			

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 * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample, (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, (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 OR rule OAR 333-007-0390, OAR 333-007-0400. Failed - Analyte/microbe is at the level that equal or above the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400 The results apply to the sample as received.

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