ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

CBN Isolate
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)

Certificate of Analysis

Compliance Test

Client Information:
Vlasic Labs
1699 Traditional Dr.
Commerce, MI 48390

Batch # N368-FP1
Batch Date: 2025-02-19
Extracted From: Hemp

Test Reg State: Florida

Order # LIK250219-030001
Order Date: 2025-02-19
Sample # AAGK537

Sampling Date: 2025-02-20
Lab Batch Date: 2025-02-20
Completion Date: 2025-02-27

Initial Gross Weight: 14.208 g

Potency Tested

Residual Solvents Passed



Product Image

Potency 11

Specimen Weight: 100.320 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBN	10.000	1.40E-5	0.0015	994.616	99.462
CBGA	10.000	8.00E-5	0.0015	3.290	0.329
CBC	10.000	1.80E-5	0.0015	1.993	0.199
CBD	10.000	5.40E-5	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.1	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.1	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ

Potency Summary

Total Active THC: - None Detected	Total Active CBD: - None Detected
Total CBG: 0.289%	Total CBN: 99.462%
Total Cannabinoids: 99.990%	

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 FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed – Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 The results apply to the sample as received.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

QA By: 1050 on 2025-02-27 18:08:42 V1

ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

CBN Isolate
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)

Certificate of Analysis

Compliance Test

Client Information:
Vlasic Labs
1699 Traditional Dr.
Commerce, MI 48390

Batch # N368-FP1
Batch Date: 2025-02-19
Extracted From: Hemp

Test Reg State: Florida

Order # LIK250219-030001
Order Date: 2025-02-19
Sample # AAGK537

Sampling Date: 2025-02-20
Lab Batch Date: 2025-02-20
Completion Date: 2025-02-27

Initial Gross Weight: 14.208 g

Residual Solvents - FL (CBD)

Specimen Weight: 300.200 mg

Dilution Factor: 1.000

Passed

SOP13.039 (GCMS-HS)

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	106.134
1,2-Dichloroethane	0.0003	0.04	2	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	NA	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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

Deinitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

QA By: 1050 on 2025-02-27 18:08:42 V1