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

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

Certificate of Analysis

Compliance Test

Client Information:
CRESCENT DISTRIBUTIONS
4505 MAGAZINE STREET
NEW ORLEANS, LA 70115

Batch # CBNISO_1006
Batch Date: 2025-10-31
Extracted From: Hemp
Test Reg State: Louisiana

Order # CRE251031-010001
Order Date: 2025-10-31
Sample # AAHE593
Net Weight per Serving: 1000 mg

Sampling Date: 2025-11-06
Lab Batch Date: 2025-11-06
Completion Date: 2025-11-11
Serving Number: 1.00000

Initial Gross Weight: 69.600 g

Number of Units: 1
Net Weight per Package: 1000.000 mg
Sampling Method: MSP 7.3.1



Product Image

Potency Tested
Heavy Metals Passed
Pesticides Passed
Residual Solvents Passed
Pathogenic Microbiology Passed
Microbiology Petrifilm Passed

Delta 8/Delta 10 Potency 13 - (LCUV) + Potency 10 - LOQ (0.15)

Tested
SOP13.001 (LCUV)

Specimen Weight: 100.600 mg

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBN	1.40E-5	0.15	995.926	99.593
CBGA	8.00E-5	0.15	3.974	0.397
CBC	1.80E-5	0.15	<LOQ	<LOQ
CBD	5.40E-5	0.15	<LOQ	<LOQ
CBDA	1.00E-5	0.15	<LOQ	<LOQ
CBDV	6.50E-5	0.15	<LOQ	<LOQ
CBG	2.48E-4	0.15	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.015	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.15	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.015	<LOQ	<LOQ
THCA-A	3.20E-5	0.15	<LOQ	<LOQ
THCV	7.00E-6	0.15	<LOQ	<LOQ
Total Active CBD			<LOQ	<LOQ
Total Active THC			<LOQ	<LOQ

Potency Summary

Total Delta 8 per Serving: - None Detected	Total Delta 10 per Serving: - None Detected
Delta 9 THC per Serving: - None Detected	Total Active CBD per Serving: - None Detected
Total CBG per Serving: 0.349% 3.49 mg	Total CBN per Serving: 99.593% 995.93 mg
Total Cannabinoids per Serving: 99.99% 999.9 mg	Total Active CBD Per Package: - None Detected
Total Active THC per Serving: 0%	Total Active THC Per Package: 0%
Delta 9 THC per Package: - None Detected	

Summary Results determined from two distinct Potency Tests - **Delta 8/Delta 10 Potency 13 - (LCUV) + Potency 10 - LOQ (0.15)**

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

ACCREDITED CERT #6786.01

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta6a10a-THC + Delta-8 THC + Delta-10 THC + Delta-8 THC-O-Acetate + THC-O-Acetate + Delta-10 THC-O-Acetate, Total THCV = THCV + (THCVA * 0.877) , 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 LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604. Failed – Analyte/microbe is at the level that equal or above the action limit per LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604 Client supplied the net weight of mg The results apply to the sample as received.

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Net Weight per Package: 1000.000 mg
Sampling Method: MSP 7.3.1

Microbiology TYM (Petrifilm/Plating) - LA

Passed

Specimen Weight: 999.400 mg

SOP13.003 (Petrifilm)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Yeast/Mold	10000	10000	<10000

Pathogenic Microbiology - SE (MicroArray)

Passed

Specimen Weight: 1018.300 mg

SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

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Serving Number: 1.00000

Initial Gross Weight: 69.600 g

Number of Units: 1
Net Weight per Package: 1000.000 mg
Sampling Method: MSP 7.3.1

Heavy Metals - LA

Passed

Specimen Weight: 245.100 mg

SOP13.048 (ICP-MS)

Dilution Factor: 203.998

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	.00483	0.1	10	<LOQ	Lead (Pb)	0.0058	0.1	10	<LOQ
Cadmium (Cd)	.00064	0.1	4.1	<LOQ	Mercury (Hg)	.01176	0.1	2	<LOQ

Residual Solvents - LA (CBD)

Passed

Specimen Weight: 5.900 mg

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	0.16	8	<LOQ	Heptane	0.001	1.39	500	230
1,2-Dichloroethane	0.000	0.04	5	<LOQ	Hexane	0.068	1.17	10	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.005	1.39	500	<LOQ
Acetonitrile	0.060	1.17	410	<LOQ	Methanol	0.001	0.69	3000	<LOQ
Benzene	0.000	0.02	1	<LOQ	Methylene chloride	0.003	2.43	600	<LOQ
Butanes	0.417	2.5	800	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.000	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.002	2.78	NA	72.0	Toluene	0.001	2.92	1	<LOQ
Ethyl Acetate	0.001	1.11	5000	<LOQ	Total Xylenes	0.000	2.92	1	<LOQ
Ethyl Ether	0.005	1.39	5000	<LOQ	Trichloroethylene	0.001	0.49	80	<LOQ
Ethylene Oxide	0.004	0.1	5	<LOQ					

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Serving Number: 1.00000

Initial Gross Weight: 69.600 g

Number of Units: 1
Net Weight per Package: 1000.000 mg
Sampling Method: MSP 7.3.1

Pesticides - LA

Passed

Specimen Weight: 615.400 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.440

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	4.3500E-4	0.009	0.3	<LOQ
Acephate	4.6700E-4	0.0096	5	<LOQ
Acequinocyl	8.0100E-4	0.0096	4	<LOQ
Acetamiprid	8.0000E-5	0.0096	5	<LOQ
Aldicarb	1.2400E-4	0.0096	0	<LOQ
Azoxystrobin	6.8300E-4	0.0096	40	<LOQ
Bifenazate	8.2000E-5	0.0096	5	<LOQ
Bifenthrin	1.2100E-4	0.0096	0.5	<LOQ
Boscalid	1.5300E-4	0.0096	10	<LOQ
Captan	8.9660E-3	0.048	5	<LOQ
Carbaryl	1.1800E-4	0.0096	0.5	<LOQ
Carbofuran	1.7800E-4	0.0096	0	<LOQ
Chlorantraniliprole	5.2000E-5	0.0096	40	<LOQ
Chlorfenapyr	3.1210E-3	0.0096	0.1	<LOQ
Chlorpyrifos	2.7100E-4	0.0096	0	<LOQ
Clofentezine	1.1900E-4	0.0096	0.5	<LOQ
Coumaphos	1.2900E-4	0.0096	0	<LOQ
Cyfluthrin	7.7300E-3	0.048	1	<LOQ
Cypermethrin	8.8700E-4	0.0096	1	<LOQ
Daminozide	1.7970E-3	0.0096	0	<LOQ
Diazinon	1.3280E-3	0.0096	0.2	<LOQ
Dichlorvos	4.6500E-4	0.0096	0	<LOQ
Dimethoate	3.6600E-4	0.0096	0	<LOQ
Dimethomorph	2.7200E-4	0.0096	20	<LOQ
Ethoprophos	1.9200E-4	0.0096	0	<LOQ
Etofenprox	1.1600E-4	0.0096	0	<LOQ
Etoxazole	5.7000E-4	0.0096	1.5	<LOQ
Fenhexamid	1.0110E-3	0.0096	10	<LOQ
Fenoxycarb	1.6900E-4	0.0096	0	<LOQ
Fenpyroximate	1.3900E-4	0.0096	2	<LOQ
Fipronil	6.0500E-4	0.0096	0.1	<LOQ
Flonicamid	1.2800E-4	0.0096	2	<LOQ
Fludioxonil	5.2100E-4	0.0096	30	<LOQ

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Hexythiazox	4.5000E-5	0.0096	2	<LOQ
Imazalil	6.3900E-4	0.0096	0	<LOQ
Imidacloprid	1.5900E-4	0.0096	3	<LOQ
Kresoxim Methyl	2.6800E-4	0.0096	1	<LOQ
Malathion	4.1000E-4	0.0096	5	<LOQ
Metalaxyl	7.4900E-4	0.0096	15	<LOQ
Methiocarb	9.9000E-5	0.0096	0	<LOQ
Methomyl	1.2100E-4	0.0096	0.1	<LOQ
methyl-Parathion	3.0650E-3	0.0096	0	<LOQ
Mevinphos	1.3700E-3	0.0096	0	<LOQ
Myclobutanil	5.7100E-4	0.0096	9	<LOQ
Naled	8.3000E-5	0.0096	0.5	<LOQ
Oxamyl	1.2300E-4	0.0096	0.2	<LOQ
Paclobutrazol	1.2300E-4	0.0096	0	<LOQ
Pentachloronitrobenzen (Quintozene)	5.1400E-3	0.0096	0.2	<LOQ
Permethrin	7.1800E-4	0.0096	20	<LOQ
Phosmet	3.0100E-4	0.0096	0.2	<LOQ
Piperonylbutoxide	2.1700E-4	0.0096	8	<LOQ
Prallethrin	1.3650E-3	0.0096	0.4	<LOQ
Propiconazole	2.5900E-4	0.0096	20	<LOQ
Propoxur	1.4700E-4	0.0096	0	<LOQ
Pyrethrins	2.5600E-4	0.0014	1	<LOQ
Pyridaben	5.9000E-5	0.0096	3	<LOQ
Spinetoram	3.4600E-4	0.0096	3	<LOQ
Spinosad	2.8000E-5	0.00239	3	<LOQ
Spiromesifen	2.9100E-4	0.0096	12	<LOQ
Spirotetramat	1.4100E-4	0.0096	13	<LOQ
Spiroxamine	1.1900E-4	0.0096	0	<LOQ
Tebuconazole	1.3400E-4	0.0096	2	<LOQ
Thiacloprid	3.9700E-4	0.0096	0	<LOQ
Thiamethoxam	1.0400E-4	0.0096	4.5	<LOQ
Trifloxystrobin	5.8000E-5	0.0096	30	<LOQ

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