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

8mg D9/12mg CBD/5mg CBN Gummy
Sample Matrix: CBD/HEMP Edibles (Ingestion)

Certificate of Analysis

Compliance Test

Client Information:
Crescent Distributions NC LLC
4331 CHESAPEAKE DR
CHARLOTTE, NC 28216

Batch # CC278-100523-1
Batch Date: 2023-10-05
Extracted From: Hemp

Test Reg State: Louisiana

Order # SUN231020-020001
Order Date: 2023-10-20
Sample # AAEZ106
Net Weight per Serving: 4580.5 mg
Statement of Amendment: Merging reports

Sampling Date: 2023-10-20
Lab Batch Date: 2023-10-20
Orig. Completion Date: 2023-10-23
Serving Number: 10.00000

Initial Gross Weight: 48.405 g
Net Weight: 45.805 g

Number of Units: 1
Net Weight per Package: 45805.000 mg
Sampling Method: MSP 7.3.1


Product Image

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

Delta 8/Delta 10 Potency 13 - (LCUV)

Specimen Weight: 1508.600 mg

Tested
SOP13.052 (LCUV)

Pieces For Panel: 10

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.0015	3.260	0.326
Delta-9 THC	1.30E-5	0.0015	1.640	0.164
CBN	1.40E-5	0.0015	1.030	0.103
Delta-8 THC	2.60E-5	0.0015	0.060	0.006
CBC	1.80E-5	0.0015	<LOQ	<LOQ
CBDA	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	6.50E-5	0.0015	<LOQ	<LOQ
CBG	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	8.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			1.700	0.17
Total Active THC			1.700	0.17

Potency Summary

Total Delta 8 per Serving: 0.006% 0.2748 mg	Total Delta 10 per Serving: - None Detected
Delta 9 THC per Serving: 0.164% 7.512 mg	Total Active CBD per Serving: 0.326% 14.9324 mg
Total CBG per Serving: - None Detected	Total CBN per Serving: 0.103% 4.7179 mg
Other Cannabinoids per Serving: - None Detected	Total Cannabinoids per Serving: 0.599% 27.4372 mg
Total Active CBD Per Package: 0.326% 149.3243 mg	Total Active THC per Serving: 0.17% 7.7869 mg
Total Active THC Per Package: 0.17% 77.8685 mg	Delta 9 THC per Package: 0.164% 75.1202 mg

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

ACCREDITED CERT #6786.01
AHCA

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.877), 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 * 0.877) + CBG, CBN Total = (CBNA * 0.877) + 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, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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) = 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 Sample not received via laboratory sampling.

Revised report- see statement of amendment above.

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Microbiology TYM (Petrifilm/Plating) - LA

Tested

Specimen Weight: 991.500 mg
Dilution Factor: 1.000
SOP13.003 (Petrifilm)

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

Pathogenic Microbiology - SE (MicroArray)

Passed

Specimen Weight: 1034.200 mg
Dilution Factor: 1.000
SOP13.019 (Micro Array)

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

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TESTED SAFE CERTIFIED HEMP EDIBLE

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Sampling Method: MSP 7.3.1

Heavy Metals - LA

Passed

Specimen Weight: 249.500 mg
Dilution Factor: 200.401
SOP13.048 (ICP-MS)

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: 13.600 mg
Dilution Factor: 1.000
SOP13.039 (GCMS)

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	500	<LOQ
					Hexane	0.068	1.17	10	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Benzene	0.0002	0.02	1	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Butanes	0.4167	2.5	800	<LOQ	Propane	0.031	5.83	2100	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Toluene	0.0009	2.92	1	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Total Xylenes	0.0001	2.92	1	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ					
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Number of Units: 1
Net Weight per Package: 45805.000 mg
Sampling Method: MSP 7.3.1

Pesticides - LA

Specimen Weight: 605.070 mg
Dilution Factor: 2.480

Passed
SOP13.007 (LCMS/GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	4.3500E-4	0.009	0.3	<LOQ	Hexythiazox	4.5000E-5	0.0096	2	<LOQ
Acephate	4.6700E-4	0.0096	5	<LOQ	Imazalil	6.3900E-4	0.0096	0	<LOQ
Acequinocyl	8.0100E-4	0.0096	4	<LOQ	Imidacloprid	1.5900E-4	0.0096	3	<LOQ
Acetamiprid	8.0000E-5	0.0096	5	<LOQ	Kresoxim Methyl	2.6800E-4	0.0096	1	<LOQ
Aldicarb	1.2400E-4	0.0096	0	<LOQ	Malathion	4.1000E-4	0.0096	5	<LOQ
Azoxystrobin	6.8300E-4	0.0096	40	<LOQ	Metalaxyl	7.4900E-4	0.0096	15	<LOQ
Bifenazate	8.2000E-5	0.0096	5	<LOQ	Methiocarb	9.9000E-5	0.0096	0	<LOQ
Bifenthrin	1.2100E-4	0.0096	0.5	<LOQ	Methomyl	1.2100E-4	0.0096	0.1	<LOQ
Boscalid	1.5300E-4	0.0096	10	<LOQ	methyl-Parathion	3.0650E-3	0.0096	0	<LOQ
Captan	8.9660E-3	0.048	5	<LOQ	Mevinphos	1.3700E-3	0.0096	0	<LOQ
Carbaryl	1.1800E-4	0.0096	0.5	<LOQ	Myclobutanil	5.7100E-4	0.0096	9	<LOQ
Carbofuran	1.7800E-4	0.0096	0	<LOQ	Naled	8.3000E-5	0.0096	0.5	<LOQ
Chlorantraniliprole	5.2000E-5	0.0096	40	<LOQ	Oxamyl	1.2300E-4	0.0096	0.2	<LOQ
Chlorfenapyr	3.1210E-3	0.0096	0.1	<LOQ	Paclobutrazol	1.2300E-4	0.0096	0	<LOQ
Chlorpyrifos	2.7100E-4	0.0096	0	<LOQ	Pentachloronitrobenzen(Quintozene)	5.1400E-3	0.0096	0.2	<LOQ
Clofentezine	1.1900E-4	0.0096	0.5	<LOQ	Permethrin	7.1800E-4	0.0096	20	<LOQ
Coumaphos	1.2900E-4	0.0096	0	<LOQ	Phosmet	3.0100E-4	0.0096	0.2	<LOQ
Cyfluthrin	7.7300E-3	0.048	1	<LOQ	Piperonylbutoxide	2.1700E-4	0.0096	8	<LOQ
Cypermethrin	8.8700E-4	0.0096	1	<LOQ	Prallethrin	1.3650E-3	0.0096	0.4	<LOQ
Daminozide	1.7970E-3	0.0096	0	<LOQ	Propiconazole	2.5900E-4	0.0096	20	<LOQ
Diazinon	1.3280E-3	0.0096	0.2	<LOQ	Propoxur	1.4700E-4	0.0096	0	<LOQ
Dichlorvos	4.6500E-4	0.0096	0	<LOQ	Pyrethrins	2.5600E-4	0.0014	1	<LOQ
Dimethoate	3.6600E-4	0.0096	0	<LOQ	Pyridaben	5.9000E-5	0.0096	3	<LOQ
Dimethomorph	2.7200E-4	0.0096	20	<LOQ	Spinetoram	3.4600E-4	0.0096	3	<LOQ
Ethoprophos	1.9200E-4	0.0096	0	<LOQ	Spinosad	2.8000E-5	0.00239	3	<LOQ
Etofenprox	1.1600E-4	0.0096	0	<LOQ	Spiromesifen	2.9100E-4	0.0096	12	<LOQ
Etoxazole	5.7000E-4	0.0096	1.5	<LOQ	Spirotetramat	1.4100E-4	0.0096	13	<LOQ
Fenhexamid	1.0110E-3	0.0096	10	<LOQ	Spiroxamine	1.1900E-4	0.0096	0	<LOQ
Fenoxycarb	1.6900E-4	0.0096	0	<LOQ	Tebuconazole	1.3400E-4	0.0096	2	<LOQ
Fenpyroximate	1.3900E-4	0.0096	2	<LOQ	Thiacloprid	3.9700E-4	0.0096	0	<LOQ
Fipronil	6.0500E-4	0.0096	0.1	<LOQ	Thiamethoxam	1.0400E-4	0.0096	4.5	<LOQ
Flonicamid	1.2800E-4	0.0096	2	<LOQ	Trifloxystrobin	8.8000E-5	0.0096	30	<LOQ
Fludioxonil	5.2100E-4	0.0096	30	<LOQ					

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