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

Grape Lemonade 50mg Seltzer
Sample Matrix:
HEMP
Extract
Ingestion

Certificate of Analysis

Compliance Test

Client Information:
Crescent Distributions NC, LLC
4331 Chesapeake Dr
Bldg 3
Charlotte, North Carolina 28216

Manufacturing Facility:
Crescent Distributions NC, LLC
4331 Chesapeake Dr
Bldg 3
Charlotte, North Carolina 28216

Batch Data:
Batch # GRLM_1002
Batch Date: 2025-08-07
Extracted From: Hemp

Order Details:
Test Reg State: Florida

Order #
CRE250829-010007-RT
Order Date: 2025-08-29
Sample # AAHB066

Sampling Date: 2025-08-29
Lab Batch Date: 2025-08-29
Orig. Completion Date: 2025-09-07

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Statement of Amendment: Merging reports; w AAHA091



Product Image

Potency Tested
Terpenes Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Pathogenic Passed
Microbiology (qPCR) Passed

Potency Summary

Delta 9 THC	**0.0126%**	**Total Active CBD**	**<LOQ**
per Serving	44.7 mg	per Serving	0.00 mg
per Package	44.7 mg	per Package	0.00 mg
Total CBG	**0.000385%**	**Total CBN**	**0.000713%**
per Serving	1.37 mg	per Serving	2.53 mg
per Package	1.37 mg	per Package	2.53 mg
Total Cannabinoids	**0.0139%**	**Total Active THC**	**0.0126%**
per Serving	49.3 mg	per Serving	44.7 mg
per Package	49.3 mg	per Package	44.7 mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
Total Terpineol	0.017	0.002%

Total Terpenes: 0.002%

Detailed Terpenes Analysis is on the following page

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 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. Revised report- see statement of amendment above.

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QA By: 1057 on 2025-09-16 19:02:35 V2

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Batch Data:
Batch # GRLM_1002
Batch Date: 2025-08-07
Extracted From: Hemp

Order Details:
Test Reg State: Florida

Order #
CRE250829-010007-RT
Order Date: 2025-08-29
Sample # AAHB066

Sampling Date: 2025-08-29
Lab Batch Date: 2025-08-29
Orig. Completion Date: 2025-09-07

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Potency 11 (LCUV)

Specimen Weight: 315000.000 mg

Tested

SOP13.030 (LCMS)

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (µg/ml)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	40.000	1.30E-5	0.015	126	0.0126	44.7	44.7
CBN	8.000	1.40E-5	0.015	7.13	0.000713	2.53	2.53
CBG	8.000	2.48E-4	0.015	3.85	0.000385	1.37	1.37
CBC	8.000	1.80E-5	0.015	1.31	0.000131	0.465	0.465
THCV	8.000	7.00E-6	0.015	0.644	0.0000640	0.229	0.229
CBD	8.000	5.40E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	8.000	1.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	8.000	6.50E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	8.000	8.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	8.000	2.60E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	8.000	3.20E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	8.000			126	0.0126	44.7	44.7
Total Active CBD	8.000			<LOQ	<LOQ	0.00	0.00

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

Definitions are found on page 1

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Grape Lemonade 50mg Seltzer
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Batch Data:
Batch # GRLM_1002
Batch Date: 2025-08-07
Extracted From: Hemp

Order Details:
Test Reg State: Florida

Order #
CRE250829-010007-RT
Order Date: 2025-08-29
Sample # AAHB066

Sampling Date: 2025-08-29
Lab Batch Date: 2025-08-29
Orig. Completion Date: 2025-09-07

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Terpenes

Specimen Weight: 451.000 mg

Tested
SOP13.045 (GC-MS/GC (Liquid Injection))

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Total Terpineol	0.00126	0.0170	0.002	Fenchone	0.002		<LOQ
(+)-Cedrol	0.002		<LOQ	Fenchyl Alcohol	0.002		<LOQ
(R)-(+)-Limonene	0.002		<LOQ	Gamma-Terpinene	0.002		<LOQ
3-Carene	0.002		<LOQ	Geraniol	0.002		<LOQ
alpha-Bisabolol	0.002		<LOQ	Geranyl acetate	0.002		<LOQ
alpha-Cedrene	0.002		<LOQ	Guaiol	0.002		<LOQ
alpha-Humulene	0.002		<LOQ	Hexahydrothymol	0.002		<LOQ
alpha-Phellandrene	0.002		<LOQ	Isoborneol	0.002		<LOQ
alpha-Pinene	0.002		<LOQ	Isopulegol	0.002		<LOQ
alpha-Terpinene	0.002		<LOQ	Linalool	0.002		<LOQ
beta-Myrcene	0.002		<LOQ	Nerol	0.002		<LOQ
beta-Pinene	0.002		<LOQ	Ocimene	0.00033		<LOQ
Borneol	0.004		<LOQ	Pulegone	0.002		<LOQ
Camphene	0.002		<LOQ	Sabinene	0.002		<LOQ
Camphors	0.006		<LOQ	Sabinene Hydrate	0.002		<LOQ
Caryophyllene oxide	0.002		<LOQ	Terpinolene	0.002		<LOQ
cis-Nerolidol	0.002		<LOQ	trans-Caryophyllene	0.002		<LOQ
Eucalyptol	0.002		<LOQ	trans-Nerolidol	0.002		<LOQ
Farnesene	0.002		<LOQ	Valencene	0.002		<LOQ

PCR Total Yeast and Mold

Specimen Weight: 511.900 mg

Passed
SOP13.017 (qPCR)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

Pathogenic SAE (qPCR) FL

Specimen Weight: 1001.400 mg

Passed
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Absence in 1g	Shiga toxin-producing E. coli (STEC)	Absence in 1g
Salmonella	Absence in 1g		

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

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Batch Data:
Batch # GRLM_1002
Batch Date: 2025-08-07
Extracted From: Hemp

Order Details:
Test Reg State: Florida

Order #
CRE250829-010007-RT
Order Date: 2025-08-29
Sample # AAHB066

Sampling Date: 2025-08-29
Lab Batch Date: 2025-08-29
Orig. Completion Date: 2025-09-07

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Heavy Metals

Specimen Weight: 246.700 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 202

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	1500	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	500	<LOQ	Mercury (Hg)	0.580	100	3000	<LOQ

Mycotoxins

Specimen Weight: 598.450 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

Residual Solvents - FL (CBD)

Specimen Weight: 10.200 mg

Passed
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	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	265	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

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

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Batch Date: 2025-08-07
Extracted From: Hemp

Order Details:
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Order #
CRE250829-010007-RT
Order Date: 2025-08-29
Sample # AAHB066

Sampling Date: 2025-08-29
Lab Batch Date: 2025-08-29
Orig. Completion Date: 2025-09-07

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Pesticides Florida

Specimen Weight: 598.450 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	300	<LOQ	Flonicamid	0.466	24.8	2000	<LOQ
Acephate	0.141	24.8	3000	<LOQ	Fludioxonil	0.360	24.8	3000	<LOQ
Acequinocyl	2.178	24.8	2000	<LOQ	Hexythiazox	0.113	24.8	2000	<LOQ
Acetamiprid	0.140	24.8	3000	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Imidacloprid	0.402	24.8	3000	<LOQ
Azoxystrobin	0.188	24.8	3000	<LOQ	Kresoxim Methyl	0.182	24.8	1000	<LOQ
Bifenazate	0.086	24.8	3000	<LOQ	Malathion	0.223	24.8	2000	<LOQ
Bifenthrin	0.100	24.8	500	<LOQ	Metalaxyl	0.270	24.8	3000	<LOQ
Boscalid	0.595	24.8	3000	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Captan	1.850	323	3000	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Chlorantraniliprole	0.084	24.8	3000	<LOQ	Myclobutanil	0.573	24.8	3000	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Naled	0.069	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlormequat Chloride	0.205	24.8	3000	<LOQ	Paclobutrazol	0.065	24.8	100	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Pentachloronitrobenzene	7.950	24.8	200	<LOQ
Clofentezine	0.212	24.8	500	<LOQ	Permethrin	0.624	24.8	1000	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Phosmet	0.127	24.8	200	<LOQ
Cyfluthrin	0.980	24.8	1000	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cypermethrin	0.985	24.8	1000	<LOQ	Prallethrin	1.476	24.8	400	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propiconazole	0.294	24.8	1000	<LOQ
Diazinon	0.212	24.8	200	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyrethrins	0.067	12.9	1000	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Pyridaben	0.140	24.8	3000	<LOQ
Dimethomorph	2.581	24.8	3000	<LOQ	Spinetoram	0.424	24.8	3000	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	3000	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	30000	<LOQ
Etoxazole	0.866	24.8	1500	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	30000	<LOQ	Tebuconazole	0.230	24.8	1000	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	2000	<LOQ	Thiamethoxam	0.179	24.8	1000	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	3000	<LOQ

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