



DEA No. RA0571996
 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

DELTA BEVERAGES
 5253 OLD DOWD ROAD
 STE 6
 CHARLOTTE, NC 28208

Batch # 01
 Batch Date: 2022-04-25
 Extracted From: Hemp

Sampling Method: MSP 7.3.1
 Test Reg State: Florida

Production Facility: Delta Beverages, LLC
 Production Date: 2022-04-24

Order # DEL220425-010001
 Order Date: 2022-04-25
 Sample # AACT139

Sampling Date: 2022-05-03
 Lab Batch Date: 2022-05-03
 Completion Date: 2022-05-09

Initial Gross Weight: 741.600 g
 Net Weight: 712.800 g
 Volume: 355 ml



Potency Tested **HHC Tested** **HHC Metals Passed** **Mycotoxins Passed** **Pesticides Passed**
Residual Solvents Passed **Listeria Monocytogenes Passed** **Pathogenic Passed**

Product Image

Potency 20 (LCMS)
 Specimen Weight: 200000.000 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBG	8.000	4.000000E-7	7.5E-5	2.370	0.237
CBD	8.000	3.370000E-7	7.5E-5	0.720	0.072
Exo-THC	8.000	3.570000E-6	7.5E-5	<LOQ	
THCVA	8.000	1.360000E-6	7.5E-5	<LOQ	
THCV	8.000	1.240000E-6	7.5E-5	<LOQ	
THCA	8.000	1.510000E-7	7.5E-5	<LOQ	
CBC	8.000	1.940000E-6	7.5E-5	<LOQ	
Delta-9 THC-O Acetate	8.000	9.650000E-7	7.5E-5	<LOQ	
CBCA	8.000	5.080000E-7	7.5E-5	<LOQ	
Delta-8 THC V	8.000	2.100000E-7	7.5E-5	<LOQ	
Delta-8 THC	8.000	8.360000E-7	7.5E-5	<LOQ	
CBT	8.000	3.510000E-7	7.5E-5	<LOQ	
CBNA	8.000	8.950000E-8	7.5E-5	<LOQ	
CBN	8.000	1.250000E-6	7.5E-5	<LOQ	
CBL	8.000	4.030000E-7	7.5E-5	<LOQ	
CBGA	8.000	4.710000E-8	7.5E-5	<LOQ	
CBDVA	8.000	9.870000E-8	7.5E-5	<LOQ	
CBDV	8.000	9.800000E-8	7.5E-5	<LOQ	
CBDA	8.000	7.780000E-8	7.5E-5	<LOQ	
Delta-9 THC	8.000	2.980000E-5	7.5E-5	<LOQ	

Potency Summary

Total THC None Detected	Total CBD 513.220mg
Total CBG 0.237%	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 2,202.550mg

HHC Summary

Analyte	Result (mg/g)	(%)	Total/Unit (mg)
Total HHC	6.15	0.615%	

Xueli Gao
 Xueli Gao
 Lab Toxicologist
 Ph.D., DABT

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 CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87), *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, *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Initial Gross Weight: 741.600 g
Net Weight: 712.800 g

Volume: 355 ml



Pesticides FL V4

Specimen Weight: 265.800 mg

Dilution Factor: 5.643

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abaractin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ
Acephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Acetaminophen	48	2000	<LOQ	Imazalil	30	100	<LOQ
Acetamiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxalyl	10	3000	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ
Captan	30	3000	<LOQ	methyl-Parathion	10	100	<LOQ
Carbaryl	10	500	<LOQ	Mevinphos	10	100	<LOQ
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chloridane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Paclitrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentazine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Cyfluthrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ
Cypermethrin	30	1000	<LOQ	Propiconazole	30	100	<LOQ
Daminozide	30	100	<LOQ	Propoxur	30	1000	<LOQ
Diazinon	30	200	<LOQ	Pyrethrins	30	1000	<LOQ
Dichlorvos	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Dimethoate	30	100	<LOQ	Spinetoram	10	3000	<LOQ
Dimethomorph	48	3000	<LOQ	Spinosad	30	3000	<LOQ
Ethionphos	30	100	<LOQ	Spiromesifen	30	3000	<LOQ
Etofenprox	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spiroxamine	30	100	<LOQ
Fenhexamid	10	3000	<LOQ	Tebuconazole	30	1000	<LOQ
Fenoxycarb	30	100	<LOQ	Thiacloprid	30	100	<LOQ
Fenpyroximate	30	2000	<LOQ	Thiamethoxam	30	1000	<LOQ
Fipronil	30	100	<LOQ	Trifloxystrobin	30	3000	<LOQ
Fonicamid	30	2000	<LOQ				

Passed
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 169.360 mg

Dilution Factor: 5000.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	Passed	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Passed
(GCMS)



HHC Metals

Specimen Weight: 254.100 mg

Dilution Factor: 196.773

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aluminium (Al)	1000	na	Passed	Nickel (Ni)	250	500	<LOQ
Arsenic (As)	100	200	<LOQ	Palladium (Pd)	50	100	<LOQ
Cadmium (Cd)	100	200	<LOQ	Platinum (Pt)	50	100	<LOQ
Lead (Pb)	100	500	<LOQ	Zinc (Zn)	1000	na	<LOQ
Mercury (Hg)	100	200	<LOQ				

Passed
(ICP-MS)



Mycotoxins

Specimen Weight: 265.800 mg

Dilution Factor: 5.643

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Passed
(LCMS)

Xueli Gao
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Ph.D., DABT
Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist

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HHC

Specimen Weight: 20000.000 mg

Tested
(LCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%) Analyte	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	7.5E-5	1.9100	0.191	7.5E-5	<LOQ	
(9S)-HHC	7.5E-5	4.2400	0.424	7.5E-5	6.1500	0.615
			(±)-9R-hydroxy-HHC			
			Total HHC			



Pathogenic SAE (qPCR)

Specimen Weight: 239.600 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			



Listeria Monocytogenes

Specimen Weight: 1022.100 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

Axia Sun
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D.H.Sc., M.Sc., B.Sc., MT (AAB)
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