

Certificate of Analysis
Compliance Test
Texas

magma cherry limeade
Sample Matrix:
HEMP
Extract
Ingestion



Client Information:

Liquid lava
670 Kingsley ave
Orange park, Florida
32803

Manufacturing Facility:

Liquid lava
670 Kingsley ave
Orange park, Florida 32803

Order Details:

Test Reg State: Texas
Order # LIQ260320-240001
Order Date: 2026-03-20
Sample # AAH0010
Net Weight per Serving:
2.5 ml
Servings Per Package: 24

Batch Data:

Batch # 86
Batch Date: 2026-03-19
Extracted From: hemp
Sampling Date: 2026-03-20
Lab Batch Date: 2026-03-20
Orig. Completion Date: 2026-03-30
Expiration Date: 2027-03-30

Food Permits:

Statement of Amendment: Merging reports



Product Image

Staphylococcus Aureus
Passed

Campylobacter
Passed

Microbiology- Yersinia spp
Passed

Potency 11 (LCMS)
Tested

Pesticides
Passed

Residual Solvents
Passed

Pathogenic Microbiology
Passed

Listeria Monocytogenes
Passed

Microbiology Petrifilm
Passed

Potency Summary

Delta 9 THC	0.324%	Total Active CBD	0.000119%
per Serving	8.10 mg	per Serving	0.00298 mg
per Package	194 mg	per Package	0.0714 mg
Total CBG	0.000142%	Total CBN	0.000229%
per Serving	0.00355 mg	per Serving	0.00573 mg
per Package	0.0852 mg	per Package	0.137 mg
Total Cannabinoids	0.346%	Total Active THC	0.324%
per Serving	8.65 mg	per Serving	8.10 mg
per Package	208 mg	per Package	194 mg

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Aixia Sun Lab Director/Principal Scientist
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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, The results apply to the sample as received. , * Measurement of Uncertainty for all test panels ≤15% Revised report- see statement of amendment above.
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Food Permits:

Potency 11 - (LCMS) **Tested** SOP13.030 (LCMS)
Specimen Weight: 52000.000 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (µg/ml)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	400.000	2.980000E-5	7.5E-5	3240	0.324	8.09	194
Delta-8 THC	40.000	8.360000E-7	7.5E-5	208	0.0208	0.520	12.5
THCV	8.000	1.240000E-6	7.5E-5	11.7	0.00117	0.0292	0.701
CBN	8.000	1.250000E-6	7.5E-5	2.29	0.000229	0.00572	0.137
CBG	8.000	4.000000E-7	7.5E-5	1.42	0.000142	0.00355	0.0853
CBD	8.000	3.370000E-7	7.5E-5	1.19	0.000119	0.00297	0.0713
CBC	8.000	1.940000E-6	7.5E-5	<LOQ	<LOQ	0.00	0.00
CBDA	8.000	7.780000E-8	7.5E-5	<LOQ	<LOQ	0.00	0.00
CBDV	8.000	9.800000E-8	7.5E-5	<LOQ	<LOQ	0.00	0.00
CBGA	8.000	4.710000E-8	7.5E-5	<LOQ	<LOQ	0.00	0.00
THCA-A	8.000	1.510000E-7	7.5E-5	<LOQ	<LOQ	0.00	0.00

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Staphylococcus Aureus Specimen Weight: 131.200 mg	Passed SOP13.029 (qPCR)
Dilution Factor: 1.000	
Analyte Staphylococcus aureus	Result (cfu/g) Absence

Campylobacter Multi State * Specimen Weight: 510.900 mg	Passed SOP MIC-012 (Immunochromatographic)
Dilution Factor: 1.000	
Analyte Campylobacter spp	Result (cfu/g) Negative

Listeria Monocytogenes Specimen Weight: 510.900 mg	Passed SOP13.032 (qPCR)
Dilution Factor: 1.000	
Analyte Listeria Monocytogenes	Absence in 1g

Microbiology- Yersinia spp. Multi State * Specimen Weight: 500.700 mg	Passed SOP MIC-013 (Plating/PCR)
Dilution Factor: 1.000	
Analyte Yersinia enterocolitica	Result (cfu/g) Absence
Analyte Yersinia pseudotuberculosis	Result (cfu/g) Absence

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Microbiology Plating Multi State Specimen Weight: 499.600 mg	Passed SOP13.003 (Petrifilm)						
Dilution Factor: 1.000							
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Aerobic Count	1000	100000	<1000	Total Yeast/Mold	1000	100000	<1000

Pathogenic Microbiology SAE (MicroArray) Multi State Specimen Weight: 502.600 mg	Passed SOP13.019 (Micro Array)				
Dilution Factor: 1.000					
Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
E. Coli	1	Absence in 1g	STX1 Gene	1	Absence in 1g
Salmonella	1	Absence in 1g	STX2 Gene	1	Absence in 1g
Shiga toxin-producing E. coli (STEC)	1	Absence in 1g			

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Residual Solvents Multi State - Ingestion

Specimen Weight: 15.500 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	0.0094	1.6	8	<LOQ	Heptane	.0013	13.9	5000	<LOQ
1,2-Dichloroethane	0.0003	0.5	2	<LOQ	Hexane	.0678	11.7	250	<LOQ
Acetone	0.0151	20.8	750	<LOQ	Isopropyl alcohol	.0048	13.9	500	<LOQ
Acetonitrile	0.0596	11.7	60	<LOQ	Methanol	.0005	6.9	250	<LOQ
Benzene	0.0002	0.2	1	<LOQ	Methylene chloride	.0029	24.3	125	<LOQ
Butane	.4167	25	5000	<LOQ	Pentane	.0371	20.8	750	<LOQ
Chloroform	0.0001	0.4	2	<LOQ	Propane	.0308	58.3	5000	<LOQ
Ethanol	0.0021	27.8	5000	<LOQ	Toluene	.0009	29.2	150	<LOQ
Ethyl Acetate	0.0012	11.1	400	<LOQ	Total Xylenes	.0001	29.2	150	<LOQ
Ethyl Ether	0.0049	13.9	500	<LOQ	Trichloroethylene	.0014	4.9	25	<LOQ
Ethylene Oxide	.0038	1	5	<LOQ					

Pesticides Multi State - Ingestion

Specimen Weight: 302.900 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 4.950

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetamiprid	0.000140	0.0248	0.2	<LOQ	Fonicamid	0.000466	0.0248	1.0	<LOQ
Aldicarb	0.000203	0.0248	0.4	<LOQ	Imidacloprid	0.000402	0.0248	0.4	<LOQ
Azoxystrobin	0.000188	0.0248	0.2	<LOQ	Metalaxyl	0.000270	0.0248	0.2	<LOQ
Bifenazate	0.0000860	0.0248	0.2	<LOQ	Methiocarb	0.000118	0.0248	0.4	<LOQ
Boscalid	0.000595	0.0248	0.2	<LOQ	Methomyl	0.0000640	0.0248	0.4	<LOQ
Carbaryl	0.000122	0.0248	0.5	<LOQ	methyl-Parathion	0.000820	0.0248	8.5	<LOQ
Carbofuran	0.0000860	0.0248	0.2	<LOQ	Myclobutanil	0.000573	0.0248	0.3	<LOQ
Chlorantraniliprole	0.0000840	0.0248	0.2	<LOQ	Oxamyl	0.0000410	0.0248	1	<LOQ
Chlorpyrifos	0.000109	0.0248	0.6	<LOQ	Permethrins	0.000624	0.0248	1.1	<LOQ
Cypermethrin	0.000985	0.0248	18	<LOQ	Pyridaben	0.000140	0.0248	0.2	<LOQ
Diazinon	0.000212	0.0248	2.6	<LOQ	Spiroxamine	0.000533	0.0248	2	<LOQ
Dichlorvos	0.00113	0.0248	0.1	<LOQ	Tebuconazole	0.000230	0.0248	0.4	<LOQ
Ethoprophos	0.000151	0.0248	0.4	<LOQ	Thiacloprid	0.000170	0.0248	0.2	<LOQ
Etofenprox	0.000172	0.0248	0.4	<LOQ	Thiamethoxam	0.000179	0.0248	0.2	<LOQ
Fipronil	0.000317	0.0248	1.0	<LOQ					

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