

**Certificate of Analysis**  
**Compliance Test**  
**Texas**

magma peach mango  
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 # AAHO009  
Net Weight per Serving:  
2.5 ml  
Servings Per Package: 24

**Batch Data:**

Batch # 85  
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

<b>Staphylococcus Aureus</b> <b>Passed</b>	<b>Campylobacter</b> <b>Passed</b>	<b>Microbiology- Yersinia spp</b> <b>Passed</b>	<b>Potency 11 (LCMS)</b> <b>Tested</b>	<b>Pesticides</b> <b>Passed</b>
<b>Residual Solvents</b> <b>Passed</b>	<b>Pathogenic Microbiology</b> <b>Passed</b>	<b>Listeria Monocytogenes</b> <b>Passed</b>	<b>Microbiology Petrifilm</b> <b>Passed</b>	

**Potency Summary**

<b>Delta 9 THC</b>	<b>0.375%</b>	<b>Total Active CBD</b>	<b>0.000159%</b>
per Serving	9.38 mg	per Serving	0.00398 mg
per Package	225 mg	per Package	0.0954 mg
<b>Total CBG</b>	<b>0.000179%</b>	<b>Total CBN</b>	<b>0.000302%</b>
per Serving	0.00448 mg	per Serving	0.00755 mg
per Package	0.107 mg	per Package	0.181 mg
<b>Total Cannabinoids</b>	<b>0.402%</b>	<b>Total Active THC</b>	<b>0.375%</b>
per Serving	10.1 mg	per Serving	9.38 mg
per Package	241 mg	per Package	225 mg

*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 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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**Potency 11 - (LCMS)** **Tested** SOP13.030 (LCMS)  
Specimen Weight: 45000.000 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	3750	0.375	9.37	225
Delta-8 THC	40.000	8.360000E-7	7.5E-5	246	0.0246	0.615	14.7
THCV	8.000	1.240000E-6	7.5E-5	14.8	0.00148	0.0371	0.890
CBN	8.000	1.250000E-6	7.5E-5	3.02	0.000302	0.00755	0.181
CBG	8.000	4.000000E-7	7.5E-5	1.79	0.000179	0.00448	0.107
CBD	8.000	3.370000E-7	7.5E-5	1.59	0.000159	0.00398	0.0955
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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<b>Staphylococcus Aureus</b> Specimen Weight: 127.700 mg	<b>Passed</b> SOP13.029 (qPCR)
Dilution Factor: 1.000	
Analyte	Result (cfu/g)
Staphylococcus aureus	Absence

<b>Campylobacter Multi State *</b> Specimen Weight: 511.500 mg	<b>Passed</b> SOP MIC-012 (Immunochromatographic)
Dilution Factor: 1.000	
Analyte	Result (cfu/g)
Campylobacter spp	Negative

<b>Listeria Monocytogenes</b> Specimen Weight: 510.000 mg	<b>Passed</b> SOP13.032 (qPCR)
Dilution Factor: 1.000	
Analyte	Result (cfu/g)
Listeria Monocytogenes	Absence in 1g

<b>Microbiology- Yersinia spp. Multi State *</b> Specimen Weight: 259.100 mg	<b>Passed</b> SOP MIC-013 (Plating/PCR)		
Dilution Factor: 1.000			
Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Yersinia enterocolitica	Absence	Yersinia pseudotuberculosis	Absence

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<b>Microbiology Plating Multi State</b>				<b>Passed</b>			
Specimen Weight: 503.100 mg				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

<b>Pathogenic Microbiology SAE (MicroArray) Multi State</b>				<b>Passed</b>			
Specimen Weight: 520.400 mg				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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**Food Permits:**



**Residual Solvents Multi State - Ingestion**

Specimen Weight: 15.200 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	0.0094	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: 293.700 mg

**Passed**  
SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.110

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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