


Certificate of Analysis
Compliance Test
Texas

magma s.kiwi
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 # AAH0012 Net Weight per Serving: 2.5 ml Servings Per Package: 24	Batch Data: Batch # 88 Batch Date: 2026-03-19 Extracted From: hemp Sampling Date: 2026-03-20 Lab Batch Date: 2026-03-20 Orig. Completion Date: 2026-04-02 Expiration Date: 2027-04-02	Food Permits:
---	---	---	---	----------------------

Statement of Amendment: Merging reports



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 per Serving per Package	0.225% 5.63 mg 135 mg	Total Active CBD per Serving per Package	0.000104% 0.00260 mg 0.0624 mg
Total CBG per Serving per Package	0.000109% 0.00273 mg 0.0654 mg	Total CBN per Serving per Package	0.000175% 0.00438 mg 0.105 mg
Total Cannabinoids per Serving per Package	0.244% 6.10 mg 146 mg	Total Active THC per Serving per Package	0.225% 5.63 mg 135 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.
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.

Certificate of Analysis
Compliance Test
Texas

magma s.kiwi
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 # AAH0012
Net Weight per Serving:
2.5 ml
Servings Per Package: 24

Batch Data:

Batch # 88
Batch Date: 2026-03-19
Extracted From: hemp
Sampling Date: 2026-03-20
Lab Batch Date: 2026-03-20
Orig. Completion Date: 2026-04-02
Expiration Date: 2027-04-02

Food Permits:

Potency 11 - (LCMS) **Tested** SOP13.030 (LCMS)
Specimen Weight: 50000.000 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	2250	0.225	5.63	135
Delta-8 THC	40.000	8.360000E-7	7.5E-5	173	0.0173	0.432	10.4
THCV	8.000	1.240000E-6	7.5E-5	9.40	0.000940	0.0235	0.564
CBN	8.000	1.250000E-6	7.5E-5	1.75	0.000175	0.00437	0.105
CBG	8.000	4.000000E-7	7.5E-5	1.09	0.000109	0.00272	0.0653
CBD	8.000	3.370000E-7	7.5E-5	1.04	0.000104	0.00260	0.0623
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

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.



Certificate of Analysis
Compliance Test
Texas

magma s.kiwi
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 # AAH0012 Net Weight per Serving: 2.5 ml Servings Per Package: 24	Batch Data: Batch # 88 Batch Date: 2026-03-19 Extracted From: hemp Sampling Date: 2026-03-20 Lab Batch Date: 2026-03-20 Orig. Completion Date: 2026-04-02 Expiration Date: 2027-04-02	Food Permits:
---	---	---	---	----------------------

Staphylococcus Aureus Specimen Weight: 137.900 mg	Passed SOP13.029 (qPCR)
Dilution Factor: 1.000	
Analyte Staphylococcus aureus	Result (cfu/g) Absence

Campylobacter Multi State * Specimen Weight: 501.200 mg	Passed SOP MIC-012 (Immunochromatographic)
Dilution Factor: 1.000	
Analyte Campylobacter spp	Result (cfu/g) Absence

Listeria Monocytogenes Specimen Weight: 490.200 mg	Passed SOP13.032 (qPCR)
Dilution Factor: 1.000	
Analyte Listeria Monocytogenes	Absence in 1g

Microbiology- Yersinia spp. Multi State * Specimen Weight: 251.500 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

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



Definitions are found on page 1
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.



Certificate of Analysis
Compliance Test
Texas

magma s.kiwi
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 # AAH0012
Net Weight per Serving:
2.5 ml
Servings Per Package: 24

Batch Data:

Batch # 88
Batch Date: 2026-03-19
Extracted From: hemp
Sampling Date: 2026-03-20
Lab Batch Date: 2026-03-20
Orig. Completion Date: 2026-04-02
Expiration Date: 2027-04-02

Food Permits:



Residual Solvents Multi State - Ingestion

Specimen Weight: 7.000 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	88.8
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					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.

