



Certificate of Analysis

Compliance Test

Fresh Farm Eliquid

151 Kalmus Dr Unit L3
Costa Mesa, California
92626

Order #FRE240118-040001
Order Date: 2025-01-18
Sample # AAF386

Batch # 00004 Batch
Date: 2025-01-15
Extracted From: Hemp

Test Reg State: Florida

Sampling Date: 2025-01-23
Lab Batch Date: 2025-01-23
Completion Date: 2025-01-26

Initial Gross Weight: 274.400 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1



Product Image



Potency
Tested
Residual Solvents
Passed



Terpenes
Tested
Pathogenic Microbiology
Passed



Heavy Metals
Passed
Microbiology (qPCR)
Passed



Mycotoxins
Passed



Pesticides
Passed



Potency 25 (LCUV)

Specimen Weight: 504.550 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 6

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (m g / g)	(%)
THCA-A	50.000	3.20E-5	0.015	997.5151	99.7515
Exo-THC	50.000	2.30E-4	0.015	4.6190	0.4619
THCVA	50.000	4.70E-5	0.015	4.4320	0.4432
CBNA	50.000	9.50E-5	0.015	2.7160	0.2716
Delta-9 THC	50.000	1.30E-5	0.015	1.9918	0.1992
Delta-8 THC	50.000	2.60E-5	0.015	0.3931	0.0393
CBC	50.000	1.80E-5	0.015	<LOQ	<LOQ
CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBD	50.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ
CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
CBN	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBT	50.000	2.00E-4	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-8 THCV	50.000	4.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.70E-5	0.025	<LOQ	<LOQ
Delta-8-THCP *	50.000	3.75E-4	0.015	<LOQ	<LOQ
Delta-9-THCP *	50.000	1.17E-5	0.012	<LOQ	<LOQ
THCB *	50.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH *	50.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	50.000			<LOQ	87.681
Total Active THC	50.000			876.813	



Potency Summary

Total Active THC 87.681% 1,753.625 mg	Total Active CBD - None Detected
Total CBG - None Detected	Total CBN 0.238% 4.760 mg
Other Cannabinoids 0.428% <LOQ	Total Cannabinoids 88.347% 1,766.940 mg
Total THCA-A 99.752% 1995.04 mg	



Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	7.777	0.778
Gamma-Terpinene	1.018	%
Beta-Pinene	0.79	0.102%
Terpinolene	0.644	0.079%
alpha-Pinene	0.321	0.064%
alpha-Phellandrene	0.307	0.032%
Linalool	0.128	0.031%
Camphene	0.123	0.013%
Geranyl acetate	0.122	0.012%
Geraniol	0.092	0.012%
		0.009%

Total Terpenes: 1.132%

Detailed Terpenes Analysis is on the following page

Aixa 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 * 0.87), Total Active 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, Total THCP = Delta 8-THCP + Delta 9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta 10a-THC + Delta 8-THC + Total CBN + CBT + CBE + Delta 8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta 10-THC + Total THC-O-Acetate + Total THCP. (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 Sample not received via laboratory sampling. 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.

721 Cortaro Dr. Sun City
Center, FL 33573

www.acslabcannabis.com

DEA No. RA0571996

FL License # CMTL-0003

CLIA No. 10D1094068

Client Information:



Purify'd - Lemon Kush

Sample Matrix:

CBD/HEMP

Derivative Products
(Inhalation - Heated)



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Sampling Method: MSP 7.3.1



Terpenes

Specimen Weight: 504.550 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (m g/ g)	(%)	Analyte	LOQ (%)	Result (m g/ g)	(%)
(R)-(+)-Limonene	0.002	7.777	0.778	Caryophyllene oxide	0.002		<LOQ
Gamma-Terpinene	0.002	1.018	0.102	cis-Neolidol	0.002		<LOQ
beta-Pinene	0.002	0.790	0.079	Eucalyptol	0.002		<LOQ
Terpinolene	0.002	0.644	0.064	Farnesene	0.002		<LOQ
alpha-Pinene	0.002	0.321	0.032	Fenchone	0.002		<LOQ
alpha-Phellandrene	0.002	0.307	0.031	Fenchyl Alcohol	0.002		<LOQ
Linalool	0.002	0.128	0.013	Guaiol	0.002		<LOQ
Camphene	0.002	0.123	0.012	Hexahydrothymol	0.002		<LOQ
Geranyl acetate	0.002	0.122	0.012	Isoborneol	0.002		<LOQ
Geraniol	0.002	0.092	0.009	Isopulegol	0.002		<LOQ
(+)-Cedrol	0.002		<LOQ	Nerol	0.002		<LOQ
3-Carene	0.002		<LOQ	Ocimene	0.002		<LOQ
alpha-Bisabolol	0.002		<LOQ	Pulegone	0.00033		<LOQ
alpha-Cedrene	0.002		<LOQ	Sabinene	0.002		<LOQ
alpha-Humulene	0.002		<LOQ	Sabinene Hydrate	0.002		<LOQ
alpha-Terpinene	0.002		<LOQ	Total Terpeneol	0.002		<LOQ
beta-Myrcene	0.002		<LOQ	trans-Caryophyllene	0.00126		<LOQ
Borneol	0.002		<LOQ	trans-Neolidol	0.002		<LOQ
Camphors	0.004		<LOQ	Valencene	0.002		<LOQ
	0.006				0.002		



Total Yeast and Mold

Specimen Weight: 585.600 mg

Passed

SOP13.017 (qPCR)

Dilution Factor: 1.000

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



Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1035.900 mg

Passed

SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/ g)
Aspergillus avus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Aixia Sun

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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Heavy Metals

Specimen Weight: 246.800 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)	4.83	100	200	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	.58	100	200	<LOQ



Mycotoxins

Specimen Weight: 587.300 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
A atoxin B1	3.0400E-1	6	20	<LOQ	atoxin G2	2.7100E-1	6	20	<LOQ
A atoxin B2	7.7000E-2	6	20	<LOQ	ochratoxin A	7.5400E-1	3.8	20	<LOQ
A atoxin G1	3.0400E-1	6	20	<LOQ					



Residual Solvents - FL (CBD)

Specimen Weight: 306.500 mg

Passed

SOP13.039 (GCMS)

Dilution Factor: 500.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
Acetone	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetonitrile	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Benzene	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Butanes	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Chloroform	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	266.608
Ethanol	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethyl Acetate	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Ether	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethylene Oxide	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
	0.0038	0.1	5	<LOQ					

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Pesticides
Specimen Weight: 587.300 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Adicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Chlorantraniliprole	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlordane	3.3000E-2	10	1000	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlorfenvinphos	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chloromequat Chloride	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	1.0800E-1	10	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Clofentezine	3.5000E-2	30	100	94.140	Permethrin	3.4300E-1	30	100	<LOQ
Coumaphos	1.1900E-1	30	200	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Cyuthrin	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	3.1100E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Daminozide	1.4490E+0	30	500	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Diazinon	8.8500E-1	30	100	<LOQ	Pyrethrin	4.6000E-2	30	100	<LOQ
Dichlorvos	4.4000E-2	30	100	<LOQ	Pyridaben	2.3593E+1	30	500	<LOQ
Dimethoate	2.1820E+0	30	100	<LOQ	Spinetoram	3.2000E-2	30	200	<LOQ
Dimethomorph	2.1000E-2	30	100	<LOQ	Spiromesifen	8.0000E-2	10	200	<LOQ
Ethoprophos	5.8300E+0	48	200	<LOQ	Spirotetramat	8.8000E-2	30	100	<LOQ
Etofenprox	3.6000E-1	30	100	<LOQ	Thiacloprid	2.6100E-1	30	100	<LOQ
Etoxazole	1.1600E-1	30	100	<LOQ	Trioxystrobin	8.9000E-2	30	100	<LOQ
Fenhexamid	9.5000E-2	30	100	<LOQ		1.3100E-1	30	100	<LOQ
Fenoxycarb	5.1000E-1	10	100	<LOQ		6.7000E-2	30	100	<LOQ
Fenpyroximate	1.0700E-1	30	100	<LOQ		6.4000E-2	30	100	<LOQ
Fipronil	1.3800E-1	30	100	<LOQ		5.0000E-2	30	500	<LOQ
Fonicamid	1.0700E-1	30	100	<LOQ		3.7000E-2	30	100	<LOQ
	5.1700E-1	30	100	<LOQ					

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