



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

AAF385

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

Test Reg State: Florida

Sampling Date: 2024-01-23
Lab Batch Date: 2024-01-23
Completion Date: 2024-01-26

Initial Gross Weight: 282.200 g

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

Product Image

Potency
Tested
Residual Solvents
PassedTerpenes
Tested
Pathogenic Microbiology
PassedHeavy Metals
Passed
Microbiology (qPCR)
PassedMycotoxins
PassedPesticides
Passed

Potency 25 (LCUV)

Specimen Weight: 507.410 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	998.0156	99.8016
Exo-THC	50.000	2.30E-4	0.015	4.3110	0.4311
THCVA	50.000	4.70E-5	0.015	4.2680	0.4268
CBNA	50.000	9.50E-5	0.015	2.3130	0.2313
Delta-9 THC	50.000	1.30E-5	0.015	1.6565	0.1656
Delta-8 THC	50.000	2.60E-5	0.015	0.2279	0.0228
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
Delta8-THCP *	50.000	3.75E-4	0.015	<LOQ	<LOQ
Delta9-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	87.692
Total Active THC	50.000			876.916	



Potency Summary

Total Active THC	87.692%	1,753.832 mg	Total Active CBD	-	None Detected
Total CBG	-	None Detected	Total CBN	0.203%	4.060 mg
Other Cannabinoids	0.397%	<LOQ	Total Cannabinoids	88.292%	1,765.840 mg
Total THCA-A	99.802%	1996.04 mg			



Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	1.81	0.181
(R)-(+)-Limonene	0.822	%
beta-Myrcene	0.486	
alpha-Humulene	0.389	0.082%
alpha-Phellandrene	0.245	0.049%
Isoborneol	0.224	0.039%
Linalool	0.221	0.025%
linalyl acetate	0.147	0.022%
Fenchyl Alcohol	0.142	0.022%
		0.015%
		0.014%

Total Terpenes: 0.449%

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 = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8a10a-THC + Delta8a-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-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 - Krytochronic
Sample Matrix:
CBD/HEMP
Derivative Products
(Inhalation - Heated)



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Terpenes

Specimen Weight: 507.410 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (m g/ g)	(%)	Analyte	LOQ (%)	Result (m g/ g)	(%)
trans-Caryophyllene	0.002	1.810	0.181	cis-Neolidol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	0.822	0.082	Eucalyptol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	0.486	0.049	Farnesene	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	0.389	0.039	Fenchone	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	0.245	0.025	Gamma-Terpinene	0.002	<LOQ	<LOQ
Isoborneol	0.002	0.224	0.022	Geraniol	0.002	<LOQ	<LOQ
Linalool	0.002	0.221	0.022	Geranyl acetate	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	0.147	0.015	Guaiol	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	0.142	0.014	Hexahydrothymol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Ocimene	0.00033	<LOQ	<LOQ
alpha-Pinene	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
beta-Pinene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Borneol	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
Camphene	0.004	<LOQ	<LOQ	Total Terpeneol	0.002	<LOQ	<LOQ
Camphors	0.002	<LOQ	<LOQ	trans-Neolidol	0.00126	<LOQ	<LOQ
Caryophyllene oxide	0.006	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ
	0.002				0.002		



Total Yeast and Mold

Specimen Weight: 489.100 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: 1017.100 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

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Definitions are found on page 1

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Heavy Metals

Specimen Weight: 249.100 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 200

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: 588.300 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: 304.200 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	426.712
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: 588.300 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
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenvinphos	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	97.372	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	Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	4.4000E-2	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dimethoate	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethomorph	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Ethoprophos	5.8300E+0	48	200	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Etofenprox	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etoxazole	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Fenhexamid	9.5000E-2	30	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	5.1000E-1	10	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenpyroximate	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.3800E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Fonicamid	1.0700E-1	30	100	<LOQ	Trioxystrobin	3.7000E-2	30	100	<LOQ
	5.1700E-1	30	100	<LOQ					

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