



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

PURELIFE CBD/FE CBD
25587 CONIFER RD # 105229
CONIFER, CO 80433

Batch # C001/22
Batch Date: 2022-02-22
Extracted From: Hemp

Test Reg State: Florida

Production Facility: CBCeuticals
Production Date: 2022-02-22

Order # PUR220315-030001
Order Date: 2022-03-15
Sample # AAC0954

Sampling Date: 2022-03-17
Lab Batch Date: 2022-03-17
Completion Date: 2022-03-21

Initial Gross Weight: 113.600 g
Density: 0.965 g/ml

Number of Units: 1
Net Weight per Unit: 52276.000 mg



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Moisture
Tested

Listeria
Monocytogenes
Passed

Pathogenic
Passed

Potency - 11

Specimen Weight: 111.810 mg

Tested
(LCU)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	1000.000	0.000054	0.001	73.370	7.603
CBG	1000.000	0.000248	0.001	36.820	3.816
CBC	1000.000	0.000018	0.001	3.200	0.332
CBN	1000.000	0.000014	0.001	1.850	0.192
CBDV	1000.000	0.000065	0.001	0.240	0.025
Delta-9 THC	1000.000	0.000013	0.001	<LOQ	
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	
THCV	1000.000	0.000007	0.001	<LOQ	
CBGA	1000.000	0.000008	0.001	<LOQ	
CBDA	1000.000	0.000001	0.001	<LOQ	
THCA-A	1000.000	0.000032	0.001	<LOQ	

Potency Summary

Total THC None Detected	Total CBD 7.603% 3,974.540mg
Total CBG 3.816% 1,994.850mg	Total CBN 0.192% 100.370mg
Other Cannabinoids 0.357% 186.630mg	Total Cannabinoids 11.968% 6,256.390mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	0.568	0.057%
trans-Caryophyllene	0.487	0.049%
beta-Myrcene	0.434	0.043%

Total Terpenes: 0.149%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Completion Date: 2022-03-21Initial Gross Weight: 113.600 g
Density: 0.965 g/mlNumber of Units: 1
Net Weight per Unit: 52276.000 mg

Terpenes

Specimen Weight: 117.600 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	0.568	0.057	Fenchyl Alcohol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	0.487	0.049	Gamma-Terpinene	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	0.434	0.043	alpha-Terpinene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 0.149%



Mycotoxins

Specimen Weight: 154.900 mg

Passed
(LCMS)

Heavy Metals

Specimen Weight: 252.700 mg

Passed
(ICP-MS)

Dilution Factor: 9.684

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Dilution Factor: 197

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

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Lab ToxicologistAixia Sun
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Density: 0.965 g/ml

Number of Units: 1
Net Weight per Unit: 52276.000 mg



Pesticides FL V4

Specimen Weight: 154.900 mg

Passed
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 133.100 mg

Passed
(GCMS)

Dilution Factor: 9.684

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ
Acephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Acequinocyl	48	2000	<LOQ	Imazalil	30	100	<LOQ
Acetaminiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxyl	10	3000	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ
Captan	30	3000	<LOQ	methyl-Parathion	10	100	<LOQ
Carbaryl	10	500	<LOQ	Mevinphos	10	100	<LOQ
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorantranilprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenvapir	30	100	<LOQ	Pacllobutrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentazine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Cyfluthrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ
Cypermethrin	30	1000	<LOQ	Propiconazole	30	1000	<LOQ
Daminozide	30	100	<LOQ	Propoxur	30	100	<LOQ
Diazinon	30	200	<LOQ	Pyrethrins	30	1000	<LOQ
Dichlorvos	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Dimethoate	30	100	<LOQ	Spinetoram	10	3000	<LOQ
Dimethomorph	48	3000	<LOQ	Spinosad	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Spiromesifen	30	3000	<LOQ
Etofenprox	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Etozazole	30	1500	<LOQ	Spiroxamine	30	100	<LOQ
Fenhexamid	10	3000	<LOQ	Tebuconazole	30	1000	<LOQ
Fenoxycarb	30	100	<LOQ	Thiacloprid	30	100	<LOQ
Fenpyroximate	30	2000	<LOQ	Thiamethoxam	30	1000	<LOQ
Fipronil	30	100	<LOQ	Trifloxystrobin	30	3000	<LOQ
Fonicamid	30	2000	<LOQ				

Dilution Factor: 500.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				



Pathogenic SAE (qPCR)

Specimen Weight: 236.900 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			



Listeria Monocytogenes

Specimen Weight: 980.610 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g



Moisture

Specimen Weight: N/A Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	0.780

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