



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

The Healing Rose
23 Hale St
Newburyport, MA 01950

Batch # LCLC11570-FSO-C
Batch Date: 2021-05-11
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Florida

Order # LAU210513-010048
Order Date: 2021-05-13
Sample # AABI703

Sampling Date: 2021-05-17
Lab Batch Date: 2021-05-17
Completion Date: 2021-05-24

Initial Gross Weight: 28.638 g



Product Image

Potency
Tested
 Residual
Solvents
Passed

Terpenes
Tested
 Pathogenic
Microbiology
Passed

Heavy Metals
Passed
 Listeria
Monocytogenes
Passed

Mycotoxins
Passed

Pesticides
Passed



Potency - 20

Specimen Weight: 59.900 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	580.000	58.000
CBDA	10.000	0.00001	0.001	11.730	1.173
CBC	10.000	0.000018	0.001	10.160	1.016
CBT	10.000	0.0002	0.001	8.068	0.807
CBN	10.000	0.000014	0.001	4.228	0.423
CBG	10.000	0.000248	0.001	3.747	0.375
Delta-9 THC	10.000	0.000013	0.001	2.402	0.240
CBL	10.000	0.000035	0.001	1.802	0.180
CBGA	10.000	0.00008	0.001	<LOQ	
CBDV	10.000	0.000065	0.001	<LOQ	
CBDVA	10.000	0.000014	0.001	<LOQ	
THCA-A	10.000	0.000032	0.001	<LOQ	
THCVA	10.000	0.000047	0.001	<LOQ	
THCV	10.000	0.000007	0.001	<LOQ	
Exo-THC	10.000	0.0002	0.001	<LOQ	
CBCA	10.000	0.000107	0.001	<LOQ	
Delta-8 THC	10.000	0.000026	0.001	<LOQ	
Delta-10 THC	10.000	0.000003	0.001	<LOQ	
CBNA	10.000	0.000095	0.001	<LOQ	
Delta-8 THCV	10.000	0.0002	0.001	<LOQ	

Tested (HPLC)



Potency Summary

Total THC 0.240%	Total CBD 59.029%
Total CBG 0.375%	Total CBN 0.423%
Other Cannabinoids 1.823%	Total Cannabinoids 61.889%



Terpenes Summary

Analyte	Result (mg/ml) (%)
alpha-Bisabolol	3.707 0.371%

Total Terpenes: 0.371%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Terpenes - FL

Specimen Weight: 167.540 mg
Dilution Factor: 1000.000

Tested
(GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.02	3.707	0.371	(+)-Cedrol	0.02	<LOQ	
Ocimene	0.014	<LOQ		Geranyl acetate	0.02	<LOQ	
Guaiaol	0.02	<LOQ		Hexahydrothymol	0.02	<LOQ	
Isoborneol	0.02	<LOQ		Isopulegol	0.02	<LOQ	
Linalool	0.02	<LOQ		Nerol	0.02	<LOQ	
Pulegone	0.02	<LOQ		Gamma-Terpinene	0.02	<LOQ	
Sabinene	0.02	<LOQ		Sabinene Hydrate	0.02	<LOQ	
Terpineol	0.02	<LOQ		Terpinolene	0.02	<LOQ	
trans-Caryophyllene	0.02	<LOQ		trans-Nerolidol	0.02	<LOQ	
Geraniol	0.02	<LOQ		Fenchone	0.02	<LOQ	
Fenchyl Alcohol	0.02	<LOQ		3-Carene	0.02	<LOQ	
alpha-Cedrene	0.02	<LOQ		alpha-Humulene	0.02	<LOQ	
alpha-Phellandrene	0.02	<LOQ		alpha-Pinene	0.02	<LOQ	
alpha-Terpinene	0.02	<LOQ		beta-Myrcene	0.02	<LOQ	
(R)-(+)-Limonene	0.02	<LOQ		beta-Pinene	0.02	<LOQ	
Borneol	0.04	<LOQ		Camphene	0.02	<LOQ	
Camphors	0.04	<LOQ		Caryophyllene oxide	0.02	<LOQ	
cis-Nerolidol	0.02	<LOQ		Eucalyptol	0.02	<LOQ	
Farnesene	0.02	<LOQ		Valencene	0.02	<LOQ	

Total Terpenes: 0.371%

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Heavy Metals Passed (ICP-MS)

Specimen Weight: 250.840 mg
Dilution Factor: 2.000

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

Mycotoxins Passed (LCMS)

Specimen Weight: 181.390 mg
Dilution Factor: 8.270

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

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Pesticides FL V4
Specimen Weight: 181.390 mg
Dilution Factor: 8.270

Passed
(LCMS/GCMS)

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

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Residual Solvents - FL (CBD)

Specimen Weight: 14.400 mg

Dilution Factor: 1.000

Passed
(GCMS)

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

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Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1015.570 mg

Dilution Factor: 1.000

Passed
(Micro Array)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g



Listeria Monocytogenes

Specimen Weight: 995.070 mg

Dilution Factor: 1.000

Passed
(qPCR)

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

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