



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

Certificate of Analysis

R&D

Dr.Ganja
9190 W. Olympic Blvd
Beverly Hills, CA 90212

Batch # D120221CY
Batch Date: 2021-12-01
Extracted From: Hemp

Test Reg State: Oregon

Order # DRG211201-060001
Order Date: 2021-12-01
Sample # AACF484

Sampling Date: 2021-12-03
Lab Batch Date: 2021-12-03
Completion Date: 2021-12-08

Initial Gross Weight: 19.855 g



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed
Moisture Tested	Listeria Monocytogenes Passed	Pathogenic Passed		

Potency - 11

Specimen Weight: 191.110 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBGA	15,000	0.00008	0.001	140.500	14.050
CBG	15,000	0.000248	0.001	13.760	1.376
CBC	15,000	0.000018	0.001	1.694	0.169
Delta-9 THC	15,000	0.000013	0.001	1.034	0.103
THCA-A	15,000	0.000032	0.001	0.762	0.076
CBDA	15,000	0.00001	0.001	0.281	0.028
CBD	15,000	0.000054	0.001	<LOQ	<LOQ
THCV	15,000	0.000007	0.001	<LOQ	<LOQ
Delta-8 THC	15,000	0.000026	0.001	<LOQ	<LOQ
CBN	15,000	0.000014	0.001	<LOQ	<LOQ
CBDV	15,000	0.000065	0.001	<LOQ	<LOQ

Tested (HPLC/LCMS)

Potency Summary

Total THC 0.170%	Total CBD 0.025%
Total CBG 13.698%	Total CBN None Detected
Other Cannabinoids 0.169%	Total Cannabinoids 14.062%

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	3.598	0.36%
Guaiol	1.89	0.189%
alpha-Bisabolol	1.72	0.172%
alpha-Humulene	1.228	0.123%
Farnesene	1.204	0.12%
(R)-(+)-Limonene	0.667	0.067%
Linalool	0.565	0.056%
beta-Myrcene	0.559	0.056%
Caryophyllene oxide	0.357	0.036%

Total Terpenes: 1.179%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Terpenes

Specimen Weight: 251.300 mg

Tested
(GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	3.598	0.360	Guaiol	0.002	1.890	0.189
alpha-Bisabolol	0.002	1.720	0.172	alpha-Humulene	0.002	1.228	0.123
Farnesene	0.002	1.204	0.120	(R)-(+)-Limonene	0.002	0.667	0.067
beta-Myrcene	0.002	0.559	0.056	Linalool	0.002	0.565	0.056
Caryophyllene oxide	0.002	0.357	0.036	Nerol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	(+)-Cedrol	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
cis-Nerolidol	0.002	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 1.179%

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

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



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H Heavy Metals

Specimen Weight: 250.870 mg

Passed
(ICP-MS)

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	360.000	Mercury (Hg)	100	3000	<LOQ

Mycotoxins

Specimen Weight: 175.230 mg

Passed
(LCMS)

Dilution Factor: 8.560

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

Specimen Weight: 175.230 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.560

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
Carbaryl	10	500	<LOQ	Chlorfenapyr	48	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	30	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	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metalaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	Mevinphos	30	100	<LOQ
Myclobutanil	30	3000	<LOQ	Naled	30	500	<LOQ
Oxamyl	30	500	<LOQ	Pacllobutrazol	30	100	<LOQ
Parathion-methyl	48	100	<LOQ	Pentachloronitrobenzene	30	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	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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Moisture

Specimen Weight: N/A Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	10.870

Tested
(Moisture Meter)



Listeria Monocytogenes

Specimen Weight: 1002.800 mg

Dilution Factor: 1.000

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

Passed
(qPCR)



Pathogenic SE (qPCR)

Specimen Weight: 255.100 mg

Dilution Factor: 1.000

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

Passed
(qPCR)

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