



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 # D120221CW
Batch Date: 2021-12-01
Extracted From: Hemp

Test Reg State: Oregon

Order # DRG211201-060001
Order Date: 2021-12-01
Sample # AACF482

Sampling Date: 2021-12-03
Lab Batch Date: 2021-12-03
Completion Date: 2021-12-07

Initial Gross Weight: 19.389 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: 181.630 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	164.400	16.440
CBD	15.000	0.000054	0.001	16.070	1.607
THCA-A	15.000	0.000032	0.001	5.226	0.523
CBGA	15.000	0.00008	0.001	3.955	0.396
Delta-9 THC	15.000	0.000013	0.001	2.097	0.210
CBC	15.000	0.000018	0.001	0.942	0.094
CBG	15.000	0.000248	0.001	0.821	0.082
Delta-8 THC	15.000	0.000026	0.001	<LOQ	<LOQ
THCV	15.000	0.000007	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 0.668%	Total CBD 16.025%
Total CBG 0.429%	Total CBN None Detected
Other Cannabinoids 0.094%	Total Cannabinoids 17.216%

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	7.945	0.795%
alpha-Humulene	5.237	0.524%
Guaiol	1.694	0.169%
alpha-Bisabolol	0.576	0.058%
beta-Myrcene	0.434	0.043%
Caryophyllene oxide	0.375	0.038%
Terpinolene	0.353	0.035%

Total Terpenes: 1.662%

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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Terpenes

Specimen Weight: 181.630 mg

Tested
(GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	7.945	0.795	alpha-Humulene	0.002	5.237	0.524
Guaioil	0.002	1.694	0.169	alpha-Bisabolol	0.002	0.576	0.058
beta-Myrcene	0.002	0.434	0.043	Caryophyllene oxide	0.002	0.375	0.038
Terpinolene	0.002	0.353	0.035	Nerol	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Hexahydrothymol	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	(+)-Cedrol	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Gamma-Terpinene	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	Fenchyl Alcohol	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	Farnesene	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 1.662%

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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Heavy Metals

Specimen Weight: 249.470 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	141.000	Mercury (Hg)	100	3000	<LOQ

Mycotoxins

Specimen Weight: 186.150 mg

Passed
(LCMS)

Dilution Factor: 8.058

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: 186.150 mg

Passed
(LCMS/GCMS)

Dilution Factor: 8.058

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
Bifentazate	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	11.090

Tested
(Moisture Meter)



Listeria Monocytogenes

Specimen Weight: 995.600 mg

Dilution Factor: 1.000

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

Passed
(qPCR)



Pathogenic SE (qPCR)

Specimen Weight: 264.300 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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