



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 # 110521CQ
Batch Date: 2021-11-05
Extracted From: Hemp

Test Reg State: Oregon

Order # DRG211105-030001
Order Date: 2021-11-05
Sample # AACD541

Sampling Date: 2021-11-09
Lab Batch Date: 2021-11-09
Completion Date: 2021-11-15

Initial Gross Weight: 19.177 g
Net Weight: 12.777 g

Number of Units: 1
Net Weight per Unit: 13119.000 mg



Product Image

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

Potency - 11

Specimen Weight: 207.280 mg

Tested (HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	202.800	20.280
CBD	15.000	0.000054	0.001	11.990	1.199
THCA-A	15.000	0.000032	0.001	7.269	0.727
CBGA	15.000	0.00008	0.001	6.245	0.625
Delta-9 THC	15.000	0.000013	0.001	1.522	0.152
CBG	15.000	0.000248	0.001	0.993	0.099
CBC	15.000	0.000018	0.001	0.896	0.090
CBDV	15.000	0.000065	0.001	0.465	0.046
Delta-8 THC	15.000	0.000026	0.001	<LOQ	
THCV	15.000	0.000007	0.001	<LOQ	
CBN	15.000	0.000014	0.001	<LOQ	

Potency Summary

0.790% Total THC	103.640mg	18.985% Total CBD	2,490.642mg
0.647% Total CBG	84.880mg	Total CBN	None Detected
0.136% Other Cannabinoids	17.842mg	Total Cannabinoids	2,696.873mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	18.232	1.823%
alpha-Bisabolol	2.465	0.247%
trans-Nerolidol	1.97	0.197%
Farnesene	1.811	0.181%
alpha-Humulene	1.708	0.171%
Hexahydrothymol	0.537	0.054%
beta-Myrcene	0.356	0.036%

Total Terpenes: 2.709%

Detailed Terpenes Analysis is on the following page

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

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



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Terpenes

Specimen Weight: 207.280 mg

Tested
(GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	18.232	1.823	alpha-Bisabolol	0.02	2.465	0.247
trans-Nerolidol	0.02	1.970	0.197	Farnesene	0.02	1.811	0.181
alpha-Humulene	0.02	1.708	0.171	Hexahydrothymol	0.02	0.537	0.054
beta-Myrcene	0.02	0.356	0.036	Nerol	0.02	<LOQ	<LOQ
Geranyl acetate	0.02	<LOQ	<LOQ	Guaiaol	0.02	<LOQ	<LOQ
Isoborneol	0.02	<LOQ	<LOQ	Isopulegol	0.02	<LOQ	<LOQ
Linalool	0.02	<LOQ	<LOQ	(+)-Cedrol	0.02	<LOQ	<LOQ
Ocimene	0.014	<LOQ	<LOQ	Pulegone	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Sabinene Hydrate	0.02	<LOQ	<LOQ
Terpinolene	0.02	<LOQ	<LOQ	Total Terpeneol	0.02	<LOQ	<LOQ
Geraniol	0.02	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ
Gamma-Terpinene	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Cedrene	0.02	<LOQ	<LOQ	alpha-Phellandrene	0.02	<LOQ	<LOQ
alpha-Pinene	0.02	<LOQ	<LOQ	alpha-Terpinene	0.02	<LOQ	<LOQ
beta-Pinene	0.02	<LOQ	<LOQ	Fenchyl Alcohol	0.02	<LOQ	<LOQ
Borneol	0.04	<LOQ	<LOQ	Camphene	0.02	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	Caryophyllene oxide	0.02	<LOQ	<LOQ
cis-Nerolidol	0.02	<LOQ	<LOQ	Eucalyptol	0.02	<LOQ	<LOQ
(R)-(+)-Limonene	0.02	<LOQ	<LOQ	Valencene	0.02	<LOQ	<LOQ

Total Terpenes: 2.709%

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: 251.400 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	226.000	Mercury (Hg)	100	3000	<LOQ

Mycotoxins

Specimen Weight: 189.950 mg

Passed
(LCMS)

Dilution Factor: 7.897

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: 189.950 mg

Passed
(LCMS/GCMS)

Dilution Factor: 7.897

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	Clofentazine	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 **Tested**
(Moisture Meter)
Net Weight: 12.777 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	6.010

Listeria Monocytogenes **Passed**
(qPCR)
Specimen Weight: 984.090 mg

Dilution Factor: 1.000

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

Pathogenic SAE (qPCR) **Passed**
(qPCR)
Specimen Weight: 278.900 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	E.Coli	1	Absence in 1g
			Salmonella	1	Absence in 1g

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