



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 # D120221CT  
Batch Date: 2021-12-01  
Extracted From: Hemp

Test Reg State: Oregon

Order # DRG211201-060001  
Order Date: 2021-12-01  
Sample # AACF479

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

Initial Gross Weight: 19.359 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: 195.090 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	183.600	18.360
CBD	15.000	0.000054	0.001	20.790	2.079
THCA-A	15.000	0.000032	0.001	5.503	0.550
CBGA	15.000	0.00008	0.001	4.802	0.480
Delta-9 THC	15.000	0.000013	0.001	2.882	0.288
CBC	15.000	0.000018	0.001	1.308	0.131
CBG	15.000	0.000248	0.001	0.824	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 0.771%	Total CBD 18.181%
Total CBG 0.504%	Total CBN None Detected
Other Cannabinoids 0.131%	Total Cannabinoids 19.586%



## Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	6.91	0.691%
alpha-Humulene	3.21	0.321%
Farnesene	3.198	0.32%
alpha-Bisabolol	2.341	0.234%
Guaiol	0.905	0.09%
trans-Nerolidol	0.741	0.074%
Caryophyllene oxide	0.636	0.064%

Total Terpenes: 1.794%

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: 195.090 mg

Tested  
(GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	6.910	0.691	alpha-Humulene	0.002	3.210	0.321
Farnesene	0.002	3.198	0.320	alpha-Bisabolol	0.002	2.341	0.234
Guaiaol	0.002	0.905	0.090	trans-Nerolidol	0.002	0.741	0.074
Caryophyllene oxide	0.002	0.636	0.064	(+)-Cedrol	0.002	<LOQ	<LOQ
Linalool	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	Pulegone	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	Ocimene	0.000	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Total Terpeneol	0.001	<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-Myrcene	0.002	<LOQ	<LOQ	Fenchyl Alcohol	0.002	<LOQ	<LOQ
beta-Pinene	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
(R)-(+)-Limonene	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 1.794%

*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: 254.860 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	<LOQ	Mercury (Hg)	100	3000	<LOQ

## Mycotoxins

Specimen Weight: 190.270 mg

Passed  
(LCMS)

Dilution Factor: 7.884

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: 190.270 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 7.884

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	10.900

**Tested**  
(Moisture Meter)



## Listeria Monocytogenes

Specimen Weight: 981.700 mg

Dilution Factor: 1.000

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

**Passed**  
(qPCR)



## Pathogenic SE (qPCR)

Specimen Weight: 249.900 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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