



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 # D120221CU  
Batch Date: 2021-12-01  
Extracted From: Hemp

Test Reg State: Oregon

Order # DRG211201-060001  
Order Date: 2021-12-01  
Sample # AACF480

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

Initial Gross Weight: 19.991 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: 188.700 mg

Tested (HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	15.000	0.00001	0.001	136.900	13.690
CBD	15.000	0.000054	0.001	22.590	2.259
THCA-A	15.000	0.000032	0.001	3.803	0.380
CBGA	15.000	0.00008	0.001	3.311	0.331
Delta-9 THC	15.000	0.000013	0.001	2.938	0.294
CBC	15.000	0.000018	0.001	1.448	0.145
CBG	15.000	0.000248	0.001	0.706	0.071
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	
CBDV	15.000	0.000065	0.001	<LOQ	

## Potency Summary

Total THC 0.627%	Total CBD 14.265%
Total CBG 0.361%	Total CBN None Detected
Other Cannabinoids 0.145%	Total Cannabinoids 15.398%

## Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	4.612	0.461%
Farnesene	4.407	0.441%
alpha-Humulene	3.497	0.35%
alpha-Bisabolol	1.648	0.165%
trans-Nerolidol	1.07	0.107%
Guaiol	0.745	0.075%
beta-Myrcene	0.545	0.055%
Caryophyllene oxide	0.507	0.051%

Total Terpenes: 1.705%

Detailed Terpenes Analysis is on the following page

*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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## Terpenes

Specimen Weight: 188.700 mg

Tested  
(GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	4.612	0.461	Farnesene	0.002	4.407	0.441
alpha-Humulene	0.002	3.497	0.350	alpha-Bisabolol	0.002	1.648	0.165
trans-Nerolidol	0.002	1.070	0.107	Guaiol	0.002	0.745	0.075
beta-Myrcene	0.002	0.545	0.055	Caryophyllene oxide	0.002	0.507	0.051
Nerol	0.002	<LOQ		Hexahydrothymol	0.002	<LOQ	
Isoborneol	0.002	<LOQ		Isopulegol	0.002	<LOQ	
Linalool	0.002	<LOQ		(+)-Cedrol	0.002	<LOQ	
Ocimene	0.000	<LOQ		Pulegone	0.002	<LOQ	
Geraniol	0.002	<LOQ		Sabinene	0.002	<LOQ	
Sabinene Hydrate	0.002	<LOQ		Terpinolene	0.002	<LOQ	
Total Terpeneol	0.001	<LOQ		Geranyl acetate	0.002	<LOQ	
Fenchone	0.002	<LOQ		3-Carene	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		alpha-Phellandrene	0.002	<LOQ	
alpha-Pinene	0.002	<LOQ		alpha-Terpinene	0.002	<LOQ	
beta-Pinene	0.002	<LOQ		Gamma-Terpinene	0.002	<LOQ	
Borneol	0.004	<LOQ		Camphene	0.002	<LOQ	
Camphors	0.006	<LOQ		cis-Nerolidol	0.002	<LOQ	
Eucalyptol	0.002	<LOQ		(R)-(+)-Limonene	0.002	<LOQ	
Fenchyl Alcohol	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 1.705%

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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## Heavy Metals

Specimen Weight: 247.980 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	103.000	Mercury (Hg)	100	3000	<LOQ



## Mycotoxins

Specimen Weight: 189.730 mg

Passed  
(LCMS)

Dilution Factor: 7.906

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: 189.730 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 7.906

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	Fonicamid	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	Pacloutrazol	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

Tested  
(Moisture Meter)

Analyte	Action Level (%)	Result (%)
Moisture	15	10.240



## Listeria Monocytogenes

Specimen Weight: 999.800 mg

Passed  
(qPCR)

Dilution Factor: 1.000

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



## Pathogenic SE (qPCR)

Specimen Weight: 256.400 mg

Passed  
(qPCR)

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

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