



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

# Certificate of Analysis

## Compliance Test

**SUPER SCIENTIFIC**  
14820 NW 60TH AVE  
MIAMI LAKES, FL 33014

Batch # 1007B  
Batch Date: 2021-10-07  
Extracted From: CBD

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

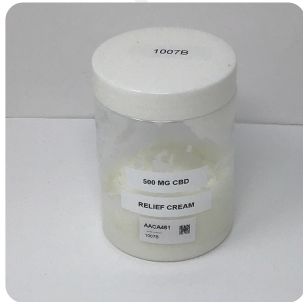
Production Facility: Super Scientific Labs  
Production Date: 2021-10-07

Order # SUP211007-030001  
Order Date: 2021-10-07  
Sample # AAC461

Sampling Date: 2021-10-08  
Lab Batch Date: 2021-10-08  
Completion Date: 2021-10-19

Initial Gross Weight: 142.100 g  
Net Weight: 107.700 g

Number of Units: 1  
Net Weight per Unit: 107700.000 mg



Product Image

Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Mycotoxins  
Passed

Pesticides  
Passed

Residual  
Solvents  
Tested

Pathogenic  
Microbiology  
Passed

Listeria  
Monocytogenes  
Passed

### Potency - 11

Specimen Weight: 107.370 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	5.557	0.556
CBC	10.000	0.000018	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
Delta-9 THC	10.000	0.000013	0.001		<LOQ
Delta-8 THC	10.000	0.000026	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBG	10.000	0.000248	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
CBDA	10.000	0.000001	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

Tested  
(HPLC/LCMS)

### Potency Summary

Total THC None Detected	Total CBD 0.556%	598.812mg
Total CBG None Detected	Total CBN None Detected	
Other Cannabinoids None Detected	Total Cannabinoids 0.556%	598.812mg

### Terpenes Summary

Analyte	Result (mg/g)	(%)
Isoborneol	0.534	0.053%

**Total Terpenes: 0.053%**

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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Net Weight per Unit: 107700.000 mg



### Terpenes

Specimen Weight: 101.060 mg

Tested  
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Isoborneol	0.02	0.534	0.053	(+)-Cedrol	0.02	<LOQ	<LOQ
Nerol	0.02	<LOQ	<LOQ	Geraniol	0.02	<LOQ	<LOQ
Geranyl acetate	0.02	<LOQ	<LOQ	Guaiol	0.02	<LOQ	<LOQ
Hexahydrothymol	0.02	<LOQ	<LOQ	Isopulegol	0.02	<LOQ	<LOQ
Linalool	0.02	<LOQ	<LOQ	Ocimene	0.014	<LOQ	<LOQ
Fenchyl Alcohol	0.02	<LOQ	<LOQ	Pulegone	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Sabinene Hydrate	0.02	<LOQ	<LOQ
Terpinolene	0.02	<LOQ	<LOQ	Total Terpineol	0.02	<LOQ	<LOQ
trans-Caryophyllene	0.02	<LOQ	<LOQ	trans-Nerolidol	0.02	<LOQ	<LOQ
Gamma-Terpinene	0.02	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ
(R)-(+)-Limonene	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Bisabolol	0.02	<LOQ	<LOQ	alpha-Cedrene	0.02	<LOQ	<LOQ
alpha-Humulene	0.02	<LOQ	<LOQ	alpha-Phellandrene	0.02	<LOQ	<LOQ
alpha-Pinene	0.02	<LOQ	<LOQ	alpha-Terpinene	0.02	<LOQ	<LOQ
Farnesene	0.02	<LOQ	<LOQ	beta-Myrcene	0.02	<LOQ	<LOQ
beta-Pinene	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	Valencene	0.02	<LOQ	<LOQ

**Total Terpenes: 0.053%**

*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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Number of Units: 1  
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### Heavy Metals

Specimen Weight: 249.060 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: 173.100 mg

Passed  
(LCMS)

Dilution Factor: 8.666

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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Lab Toxicologist  
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Lab Director/Principal Scientist  
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Number of Units: 1  
Net Weight per Unit: 107700.000 mg

**Pesticides FL V4** **Passed**  
(LCMS/GCMS)  
Specimen Weight: 173.100 mg

Dilution Factor: 8.666

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
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chloromequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	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	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclbutrazol	30	100	<LOQ	Pentachloronitrobenzene	10	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	10	3000	<LOQ	Spinosad	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				

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

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Aixia Sun Lab Director/Principal Scientist  
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Number of Units: 1  
Net Weight per Unit: 107700.000 mg

## Residual Solvents - FL (CBD) Tested (GCMS)

Specimen Weight: 134.700 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acetone	2.08	5000	<LOQ	Acetonitrile	1.17	410	<LOQ
Benzene	0.02	2	<LOQ	Butanes	2.5	2000	<LOQ
Chloroform	0.04	60	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene Oxide	0.1	5	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	25559.039
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Pentane	2.08	5000	<LOQ	Propane	5.83	2100	<LOQ
Toluene	2.92	890	<LOQ	Total Xylenes	2.92	2170	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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### Pathogenic Microbiology SAE (MicroArray) Passed (Micro Array)

Specimen Weight: 1017.580 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

### Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 994.500 mg

Dilution Factor: 1.000

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

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Ph.D., DABT

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