



# Certificate of Analysis

Powered by Confident Cannabis

GVB Biopharma

Las Vegas, NV 89115  
 ron@gvbbiopharma.com  
 (352) 440-1278  
 Lic. #CBD

Sample: 2009DBL0280.9018

METRC Sample:  
 Lot #: T:091820-001

Strain: Base Tincture

Ordered: 09/21/2020; Sampled: 09/22/2020; Completed: 09/30/2020

Mint, Lavender, Unflavored, and Lemon Base Tincture- 1,000mg/30ml

Ingestible, Tincture, Vegetable Oil



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

## Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
<LOQ Total Terpenes			
α-Bisabolol	3.024	<LOQ	<LOQ
α-Humulene	3.024	<LOQ	<LOQ
α-Pinene	3.024	<LOQ	<LOQ
α-Terpinene	3.024	<LOQ	<LOQ
β-Caryophyllene	3.024	<LOQ	<LOQ
β-Myrcene	3.024	<LOQ	<LOQ
β-Pinene	3.024	<LOQ	<LOQ
Camphene	3.024	<LOQ	<LOQ
Caryophyllene Oxide	3.024	<LOQ	<LOQ
cis-Nerolidol	1.966	<LOQ	<LOQ
cis-Ocimene	1.966	<LOQ	<LOQ
δ-3-Carene	3.024	<LOQ	<LOQ
δ-Limonene	3.024	<LOQ	<LOQ
Eucalyptol	3.024	<LOQ	<LOQ
γ-Terpinene	3.024	<LOQ	<LOQ
Guaiol	3.024	<LOQ	<LOQ
Isopulegol	3.024	<LOQ	<LOQ
Linalool	3.024	<LOQ	<LOQ
p-Cymene	3.024	<LOQ	<LOQ
Terpinolene	3.024	<LOQ	<LOQ
trans-Nerolidol	1.059	<LOQ	<LOQ
trans-Ocimene	1.059	<LOQ	<LOQ

## Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
<LOQ Δ9-THC + Δ8-THC		1,279.279 mg/unit CBD		
		1,396.243 mg/unit Total Cannabinoids		
CBC	1.651	53.523	1.784	█
CBCa	1.651	<LOQ	<LOQ	
CBD	1.651	1279.279	42.643	█
CBDa	1.651	<LOQ	<LOQ	
CBDV	1.651	<LOQ	<LOQ	
CBDVa	1.651	<LOQ	<LOQ	
CBG	1.651	15.838	0.528	█
CBGa	1.651	<LOQ	<LOQ	
CBL	1.651	4.184	0.139	█
CBN	1.651	43.420	1.447	█
Δ8-THC	1.651	<LOQ	<LOQ	
Δ9-THC	1.651	<LOQ	<LOQ	
THCa	1.651	<LOQ	<LOQ	
THCV	1.651	<LOQ	<LOQ	
THCVa	1.651	<LOQ	<LOQ	

1 Unit = Mint, Lavender, Unflavored, and Lemon Base Tincture- 1,000mg/30ml, 30g  
 Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD

Pass

pH: NT  
 Aw: 0.17

Not Tested  
 Homogeneity



*Stacy Gardalen*

Stacy Gardalen  
 Quality Control

*Glen Marquez*

Glen Marquez  
 Quality Control



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Ingestible, Tincture, Vegetable Oil



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	1000	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	<LOQ	Pass

  

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

### Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	5.2	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	47	2000	<LOQ	Pass
Cadmium	47	820	<LOQ	Pass
Lead	47	1200	250	Pass
Mercury	47	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	65	500	<LOQ	Pass
Ethanol	65		<LOQ	Tested
Heptanes	65	500	<LOQ	Pass
Propane	65	500	<LOQ	Pass



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