



# Certificate of Analysis

Powered by Confident Cannabis

Calm by Wellness

400 Spectrum Center Dr Floor 19  
Irvine, CA 92618

Sample: 2112DBL0232.11764

METRC Sample:  
Lot #: 211612

Strain: N/A

Ordered: 12/22/2021; Sampled: 12/22/2021; Completed: 01/14/2022

## Peppermint Tincture - 250mg

Ingestible, Tincture, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

31.696 mg/unit  
Total Terpenes



Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Eucalyptol	2.575	16.070	0.567	
δ-Limonene	2.575	6.626	0.234	
Linalool	2.575	6.329	0.223	
β-Pinene	2.575	2.670	0.094	
α-Bisabolol	2.575	<LOQ	<LOQ	
α-Humulene	2.575	<LOQ	<LOQ	
α-Pinene	2.575	<LOQ	<LOQ	
α-Terpinene	2.575	<LOQ	<LOQ	
β-Caryophyllene	2.575	<LOQ	<LOQ	
β-Myrcene	2.575	<LOQ	<LOQ	
Camphene	2.575	<LOQ	<LOQ	
Caryophyllene Oxide	2.575	<LOQ	<LOQ	
cis-Nerolidol	1.674	<LOQ	<LOQ	
cis-Ocimene	1.674	<LOQ	<LOQ	
δ-3-Carene	2.575	<LOQ	<LOQ	
γ-Terpinene	2.575	<LOQ	<LOQ	
Geraniol	2.575	<LOQ	<LOQ	
Guaiol	2.575	<LOQ	<LOQ	
Isopulegol	2.575	<LOQ	<LOQ	
p-Cymene	2.575	<LOQ	<LOQ	
Terpinolene	2.575	<LOQ	<LOQ	
trans-Nerolidol	0.901	<LOQ	<LOQ	
trans-Ocimene	0.901	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ  
Δ9-THC + Δ8-THC

255.020 mg/unit  
CBD

pH: NT  
Aw: NT

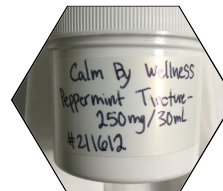
307.313 mg/unit  
Total Cannabinoids

Not Tested  
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.371	<LOQ	<LOQ	
CBCa	1.371	<LOQ	<LOQ	
CBD	1.371	255.020	8.995	
CBDa	1.371	<LOQ	<LOQ	
CBDV	1.371	5.024	0.177	
CBDVa	1.371	<LOQ	<LOQ	
CBG	1.371	47.269	1.667	
CBGa	1.371	<LOQ	<LOQ	
CBL	1.371	<LOQ	<LOQ	
CBN	1.371	<LOQ	<LOQ	
Δ8-THC	1.371	<LOQ	<LOQ	
Δ9-THC	1.371	<LOQ	<LOQ	
THCa	1.371	<LOQ	<LOQ	
THCV	1.371	<LOQ	<LOQ	
THCVa	1.371	<LOQ	<LOQ	

1 Unit = Peppermint Tincture - 250mg, 28.35g

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



*Benjamin G.M. Chew, Ph.D.*  
Benjamin G.M. Chew, Ph.D.  
Laboratory Director

*Glen Marquez*  
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## Peppermint Tincture - 250mg

Ingestible, Tincture, Other



### Pesticides

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

Pass

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

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Status
	CFU/g	CFU/g	
Aerobic Bacteria	900	100000	Pass
Bile-Tolerant Gram-Negative Bacteria	90	1000	Pass
Qualitative Analysis	Detected or Not Detected		Status
E. Coli	Not Detected		Pass
Salmonella	Not Detected		Pass

### Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

Mycotoxin	LOQ	Limit	Status
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### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Status
	PPB	PPB	
Arsenic	55	2000	Pass
Cadmium	55	820	Pass
Lead	55	1200	Pass
Mercury	55	400	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Status
	PPM	PPM	
Butanes	58	500	Pass
Ethanol	58	1000	Pass
Heptanes	58	500	Pass
Propane	58	500	Pass



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