



# Certificate of Analysis

Powered by Confident Cannabis

## Proper Hemp Co

Salt Lake City, UT 84101  
 shawn@properhempco.com  
 (801) 560-8030  
 Lic. #

Sample: 1911DBL0225.11020

METRC Sample:  
 Lot #: GC-Mel-Cham19-03A

Strain: PCR Hemp Extract  
 Ordered: 11/15/2019; Sampled: 11/20/2019; Completed: 11/27/2019

## Proper Hemp Co Sleep Softgel--CBD+Melatonin

Concentrates & Extracts, Other, CO2



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



5.851 mg/g  
 Total Terpenes



Compound	LOQ mg/g	Mass mg/g	Mass %	Relative Concentration
β-Caryophyllene	0.036	4.976	0.4976	
α-Humulene	0.036	0.552	0.0552	
Caryophyllene Oxide	0.036	0.227	0.0227	
α-Pinene	0.036	0.053	0.0053	
Isopulegol	0.036	0.043	0.0043	
α-Bisabolol	0.036	<LOQ	<LOQ	
α-Terpinene	0.036	<LOQ	<LOQ	
β-Myrcene	0.036	<LOQ	<LOQ	
β-Pinene	0.036	<LOQ	<LOQ	
Camphene	0.036	<LOQ	<LOQ	
cis-Nerolidol	0.024	<LOQ	<LOQ	
cis-Ocimene	0.024	<LOQ	<LOQ	
δ-3-Carene	0.036	<LOQ	<LOQ	
δ-Limonene	0.036	<LOQ	<LOQ	
Eucalyptol	0.036	<LOQ	<LOQ	
γ-Terpinene	0.036	<LOQ	<LOQ	
Guaiol	0.036	<LOQ	<LOQ	
Linalool	0.036	<LOQ	<LOQ	
p-Cymene	0.036	<LOQ	<LOQ	
Terpinolene	0.036	<LOQ	<LOQ	
trans-Nerolidol	0.013	<LOQ	<LOQ	
trans-Ocimene	0.013	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ  
 Total THC



42.595 mg/g  
 Total CBD



NT  
 Moisture: Not Tested

43.469 mg/g  
 Total Cannabinoids

Compound	LOQ mg/g	Mass mg/g	Mass %	Relative Concentration
CBC	0.085	<LOQ	<LOQ	
CBCa	0.085	<LOQ	<LOQ	
CBD	0.085	42.595	4.2595	
CBDa	0.085	<LOQ	<LOQ	
CBDV	0.085	0.875	0.0875	
CBDVa	0.085	<LOQ	<LOQ	
CBG	0.085	<LOQ	<LOQ	
CBGa	0.085	<LOQ	<LOQ	
CBL	0.085	<LOQ	<LOQ	
CBN	0.085	<LOQ	<LOQ	
Δ8-THC	0.085	<LOQ	<LOQ	
Δ9-THC	0.085	<LOQ	<LOQ	
THCa	0.085	<LOQ	<LOQ	
THCV	0.085	<LOQ	<LOQ	
THCVa	0.085	<LOQ	<LOQ	

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



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 Quality Control

*Kelly Zaugg*

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## Proper Hemp Co Sleep Softgel--CBD+Melatonin

Concentrates & Extracts, Other, CO2



### 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	
Bile-Tolerant Gram-Negative Bacteria	8	1000	<LOQ	Pass
Yeast & Mold	80	10000	<LOQ	Pass

  

Qualitative Analysis	Detected or Not Detected	Status
Aspergillus	Not Detected	Pass
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	<LOQ	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	16	2000	<LOQ	Pass
Cadmium	16	820	<LOQ	Pass
Lead	16	1200	49	Pass
Mercury	16	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	29	500	<LOQ	Pass
Heptanes	29	500	<LOQ	Pass
Propane	29	500	<LOQ	Pass



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