



# Certificate of Analysis

Powered by Confident Cannabis

## Gold Naturals

Provo, UT 84606  
 jared@blanc-labs.com  
 (435) 659-8713  
 Lic. #CBD

Sample: 2105DBL0349.5623

METRC Sample:  
 Lot #: 2105004A

Strain: N/A  
 Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 05/27/2021

## Muscle + Joint L - 15mL

Ingestible, Tincture



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



109.779 mg/unit  
 Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
δ-Limonene	1.331	109.779	7.861	
α-Bisabolol	1.331	<LOQ	<LOQ	
α-Humulene	1.331	<LOQ	<LOQ	
α-Pinene	1.331	<LOQ	<LOQ	
α-Terpinene	1.331	<LOQ	<LOQ	
β-Caryophyllene	1.331	<LOQ	<LOQ	
β-Myrcene	1.331	<LOQ	<LOQ	
β-Pinene	1.331	<LOQ	<LOQ	
Camphene	1.331	<LOQ	<LOQ	
Caryophyllene Oxide	1.331	<LOQ	<LOQ	
cis-Nerolidol	0.865	<LOQ	<LOQ	
cis-Ocimene	0.865	<LOQ	<LOQ	
δ-3-Carene	1.331	<LOQ	<LOQ	
Eucalyptol	1.331	<LOQ	<LOQ	
γ-Terpinene	1.331	<LOQ	<LOQ	
Geraniol	1.331	<LOQ	<LOQ	
Guaiol	1.331	<LOQ	<LOQ	
Isopulegol	1.331	<LOQ	<LOQ	
Linalool	1.331	<LOQ	<LOQ	
p-Cymene	1.331	<LOQ	<LOQ	
Terpinolene	1.331	<LOQ	<LOQ	
trans-Nerolidol	0.466	<LOQ	<LOQ	
trans-Ocimene	0.466	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

19.676 mg/unit  
 Δ9-THC + Δ8-THC

544.969 mg/unit  
 CBD

pH: NT  
 Aw: 0.15

771.825 mg/unit  
 Total Cannabinoids

Not Tested  
 Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	0.712	19.566	1.401	
CBCa	0.712	<LOQ	<LOQ	
CBD	0.712	544.969	39.024	
CBDa	0.712	<LOQ	<LOQ	
CBDV	0.712	5.621	0.403	
CBDVa	0.712	<LOQ	<LOQ	
CBG	0.712	146.868	10.517	
CBGa	0.712	<LOQ	<LOQ	
CBL	0.712	1.089	0.078	
CBN	0.712	34.037	2.437	
Δ8-THC	0.712	<LOQ	<LOQ	
Δ9-THC	0.712	19.676	1.409	
THCa	0.712	<LOQ	<LOQ	
THCV	0.712	<LOQ	<LOQ	
THCVa	0.712	<LOQ	<LOQ	

1 Unit = Muscle + Joint - L - 15mL, 13.965g

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



Notes: Density = 0.931 g/mL. Updated lot number.



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

*Glen Marquez*  
 Glen Marquez  
 Quality Control

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## Muscle + Joint L - 15mL

Ingestible, Tincture



Pesticides		Pass		
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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
Etozazole	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
Paclbutrazol	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		Pass			
Analyzed by 300.1 Plating/QPCR					
Quantitative Analysis		LOQ	Limit	Mass	Status
		CFU/g	CFU/g	CFU/g	
Aerobic Bacteria		900	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria		90	1000	<LOQ	Pass
Qualitative Analysis		Detected or Not Detected		Status	
E. Coli		Not Detected		Pass	
Salmonella		Not Detected		Pass	

Mycotoxins		Not Tested		
Analyzed by 300.2 Elisa				
Mycotoxin	LOQ	Limit	Mass	Status

Heavy Metals		Pass		
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	42	2000	<LOQ	Pass
Cadmium	42	820	<LOQ	Pass
Lead	42	1200	<LOQ	Pass
Mercury	42	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	61	500	<LOQ	Pass
Ethanol	61		<LOQ	Tested
Heptanes	61	500	<LOQ	Pass
Propane	61	500	<LOQ	Pass



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