



Certificate of Analysis

Powered by Confident Cannabis

Gold Naturals

Parent Lot #: 210801V

Sample: 2105DBL0349.5624

Provo, UT 84606

METRC Sample:
Lot #: 2104004A

jared@blanc-labs.com

Lic. #CBD

Strain: N/A

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 05/27/2021

Muscle + Joint - L - 1mL

Ingestible, Tincture



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



7.319 mg/unit
Total Terpenes

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
δ-Limonene	0.089	7.319	7.861	
α-Bisabolol	0.089	<LOQ	<LOQ	
α-Humulene	0.089	<LOQ	<LOQ	
α-Pinene	0.089	<LOQ	<LOQ	
α-Terpinene	0.089	<LOQ	<LOQ	
β-Caryophyllene	0.089	<LOQ	<LOQ	
β-Myrcene	0.089	<LOQ	<LOQ	
β-Pinene	0.089	<LOQ	<LOQ	
Camphene	0.089	<LOQ	<LOQ	
Caryophyllene Oxide	0.089	<LOQ	<LOQ	
cis-Nerolidol	0.058	<LOQ	<LOQ	
cis-Ocimene	0.058	<LOQ	<LOQ	
δ-3-Carene	0.089	<LOQ	<LOQ	
Eucalyptol	0.089	<LOQ	<LOQ	
γ-Terpinene	0.089	<LOQ	<LOQ	
Geraniol	0.089	<LOQ	<LOQ	
Guaiol	0.089	<LOQ	<LOQ	
Isopulegol	0.089	<LOQ	<LOQ	
Linalool	0.089	<LOQ	<LOQ	
p-Cymene	0.089	<LOQ	<LOQ	
Terpinolene	0.089	<LOQ	<LOQ	
trans-Nerolidol	0.031	<LOQ	<LOQ	
trans-Ocimene	0.031	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

1.312 mg/unit
Δ9-THC + Δ8-THC

36.331 mg/unit
CBD

pH: NT
Aw: 0.15

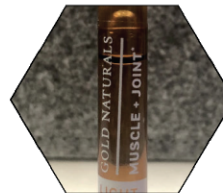
51.455 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
CBC	0.047	1.304	1.401	
CBCa	0.047	<LOQ	<LOQ	
CBD	0.047	36.331	39.024	
CBDa	0.047	<LOQ	<LOQ	
CBDV	0.047	0.375	0.403	
CBDVa	0.047	<LOQ	<LOQ	
CBG	0.047	9.791	10.517	
CBGa	0.047	<LOQ	<LOQ	
CBL	0.047	0.073	0.078	
CBN	0.047	2.269	2.437	
Δ8-THC	0.047	<LOQ	<LOQ	
Δ9-THC	0.047	1.312	1.409	
THCa	0.047	<LOQ	<LOQ	
THCV	0.047	<LOQ	<LOQ	
THCVa	0.047	<LOQ	<LOQ	

1 Unit = Muscle + Joint - L - 1mL, 0.931g

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



Notes: Density = 0.931 g/mL



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

Glen Marquez
Glen Marquez
Quality Control

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Gold Naturals

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Sample: 2105DBL0349.5624

Provo, UT 84606

MEIR Sample:
Lot #: 2104004A

jared@blanc-labs.com

Strain: N/A

Lic. #CBD

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 05/27/2021

Muscle + Joint - L - 1mL

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
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
Paclobutrazol	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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Parent Lot #: 210801V

Sample: 2105DBL0349.5626

Provo, UT 84606

METRC Sample:
Lot #: 2104006A

jared@blanc-labs.com

Strain: N/A

Lic. #CBD

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 05/27/2021

Muscle + Joint - M - 1mL

Ingestible, Tincture



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



8.326 mg/unit
Total Terpenes

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
δ-Limonene	0.082	8.326	8.943	
α-Bisabolol	0.082	<LOQ	<LOQ	
α-Humulene	0.082	<LOQ	<LOQ	
α-Pinene	0.082	<LOQ	<LOQ	
α-Terpinene	0.082	<LOQ	<LOQ	
β-Caryophyllene	0.082	<LOQ	<LOQ	
β-Myrcene	0.082	<LOQ	<LOQ	
β-Pinene	0.082	<LOQ	<LOQ	
Camphene	0.082	<LOQ	<LOQ	
Caryophyllene Oxide	0.082	<LOQ	<LOQ	
cis-Nerolidol	0.053	<LOQ	<LOQ	
cis-Ocimene	0.053	<LOQ	<LOQ	
δ-3-Carene	0.082	<LOQ	<LOQ	
Eucalyptol	0.082	<LOQ	<LOQ	
γ-Terpinene	0.082	<LOQ	<LOQ	
Geraniol	0.082	<LOQ	<LOQ	
Guaiol	0.082	<LOQ	<LOQ	
Isopulegol	0.082	<LOQ	<LOQ	
Linalool	0.082	<LOQ	<LOQ	
p-Cymene	0.082	<LOQ	<LOQ	
Terpinolene	0.082	<LOQ	<LOQ	
trans-Nerolidol	0.029	<LOQ	<LOQ	
trans-Ocimene	0.029	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

2.072 mg/unit
Δ9-THC + Δ8-THC

58.991 mg/unit
CBD

pH: NT
Aw: 0.15

85.792 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
CBC	0.045	2.196	2.359	
CBCa	0.045	<LOQ	<LOQ	
CBD	0.045	58.991	63.363	
CBDa	0.045	<LOQ	<LOQ	
CBDV	0.045	0.581	0.624	
CBDVa	0.045	<LOQ	<LOQ	
CBG	0.045	16.916	18.170	
CBGa	0.045	<LOQ	<LOQ	
CBL	0.045	0.116	0.125	
CBN	0.045	4.921	5.286	
Δ8-THC	0.045	<LOQ	<LOQ	
Δ9-THC	0.045	2.072	2.225	
THCa	0.045	<LOQ	<LOQ	
THCV	0.045	<LOQ	<LOQ	
THCVa	0.045	<LOQ	<LOQ	

1 Unit = Muscle + Joint - M - 1mL, 0.931g

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



Notes: Density = 0.931 g/mL



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

Glen Marquez
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Quality Control

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Provo, UT 84606

MEIR Sample:
Lot #: 2104006A

jared@blanc-labs.com

Strain: N/A

Lic. #CBD

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 05/27/2021

Muscle + Joint – M – 1mL

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
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
Paclobutrazol	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	47	2000	<LOQ	Pass
Cadmium	47	820	<LOQ	Pass
Lead	47	1200	<LOQ	Pass
Mercury	47	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	56	500	<LOQ	Pass
Ethanol	56		<LOQ	Tested
Heptanes	56	500	<LOQ	Pass
Propane	56	500	<LOQ	Pass



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Parent Lot #: 210801V

Sample: 2105DBL0349.5628

Provo, UT 84606

METRC Sample:
Lot #: 2104008A

jared@blanc-labs.com

Strain: N/A

Lic. #CBD

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 06/01/2021; Analyzed: 05/27/2021

Muscle + Joint - H - 1mL

Ingestible, Tincture



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



8.6 mg/unit
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
δ-Limonene	0.1	8.4	9.1	
β-Myrcene	0.1	0.2	0.2	
α-Bisabolol	0.1	<LOQ	<LOQ	
α-Humulene	0.1	<LOQ	<LOQ	
α-Pinene	0.1	<LOQ	<LOQ	
α-Terpinene	0.1	<LOQ	<LOQ	
β-Caryophyllene	0.1	<LOQ	<LOQ	
β-Pinene	0.1	<LOQ	<LOQ	
Camphene	0.1	<LOQ	<LOQ	
Caryophyllene Oxide	0.1	<LOQ	<LOQ	
cis-Nerolidol	0.1	<LOQ	<LOQ	
cis-Ocimene	0.1	<LOQ	<LOQ	
δ-3-Carene	0.1	<LOQ	<LOQ	
Eucalyptol	0.1	<LOQ	<LOQ	
γ-Terpinene	0.1	<LOQ	<LOQ	
Geraniol	0.1	<LOQ	<LOQ	
Guaiol	0.1	<LOQ	<LOQ	
Isopulegol	0.1	<LOQ	<LOQ	
Linalool	0.1	<LOQ	<LOQ	
p-Cymene	0.1	<LOQ	<LOQ	
Terpinolene	0.1	<LOQ	<LOQ	
trans-Nerolidol	0.0	<LOQ	<LOQ	
trans-Ocimene	0.0	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

2.8 mg/unit
Δ9-THC + Δ8-THC

76.8 mg/unit
CBD

pH: NT
Aw: 0.15

110.6 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	0.0	2.2	2.3	
CBCa	0.0	<LOQ	<LOQ	
CBD	0.0	76.8	82.5	
CBDa	0.0	<LOQ	<LOQ	
CBDV	0.0	0.8	0.8	
CBDVa	0.0	<LOQ	<LOQ	
CBG	0.0	22.1	23.8	
CBGa	0.0	<LOQ	<LOQ	
CBL	0.0	0.1	0.1	
CBN	0.0	5.8	6.2	
Δ8-THC	0.0	<LOQ	<LOQ	
Δ9-THC	0.0	2.8	3.0	
THCa	0.0	<LOQ	<LOQ	
THCV	0.0	<LOQ	<LOQ	
THCVa	0.0	<LOQ	<LOQ	

1 Unit = Muscle + Joint - H - 1mL, 0.931g

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



Notes: Density = 0.931 g/mL



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MEIR Sample:
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Strain: N/A

Ordered: 05/25/2021; Sampled: 05/25/2021; Completed: 06/01/2021; Analyzed: 05/27/2021

Muscle + Joint - H - 1mL

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
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
Paclobutrazol	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	49	2000	<LOQ	Pass
Cadmium	49	820	<LOQ	Pass
Lead	49	1200	<LOQ	Pass
Mercury	49	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	63	500	<LOQ	Pass
Ethanol	63		<LOQ	Tested
Heptanes	63	500	<LOQ	Pass
Propane	63	500	<LOQ	Pass



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