



# Certificate of Analysis

Powered by Confident Cannabis

## Intentional Growth

Logan, UT 84321  
 mb.intentionalgrowth@gmail.com  
 (435) 764-6666  
 Lic. #CBD

Sample: 2003DBL0264.3930

METRC Sample:  
 Lot #: 500mg to 3.32L oil

Strain: hawthorne  
 Ordered: 03/16/2020; Sampled: 03/18/2020; Completed: 03/25/2020

## hemp gummies

Concentrates & Extracts, Press, Coconut Oil



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.695 mg/unit  
 Total Terpenes



Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
α-Bisabolol	0.650	0.695	0.146	
α-Humulene	0.650	<LOQ	<LOQ	
α-Pinene	0.650	<LOQ	<LOQ	
α-Terpinene	0.650	<LOQ	<LOQ	
β-Caryophyllene	0.650	<LOQ	<LOQ	
β-Myrcene	0.650	<LOQ	<LOQ	
β-Pinene	0.650	<LOQ	<LOQ	
Camphene	0.650	<LOQ	<LOQ	
Caryophyllene Oxide	0.650	<LOQ	<LOQ	
cis-Nerolidol	0.423	<LOQ	<LOQ	
cis-Ocimene	0.423	<LOQ	<LOQ	
δ-3-Carene	0.650	<LOQ	<LOQ	
δ-Limonene	0.650	<LOQ	<LOQ	
Eucalyptol	0.650	<LOQ	<LOQ	
γ-Terpinene	0.650	<LOQ	<LOQ	
Guaiol	0.650	<LOQ	<LOQ	
Isopulegol	0.650	<LOQ	<LOQ	
Linalool	0.650	<LOQ	<LOQ	
p-Cymene	0.650	<LOQ	<LOQ	
Terpinolene	0.650	<LOQ	<LOQ	
trans-Nerolidol	0.228	<LOQ	<LOQ	
trans-Ocimene	0.228	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



0.314 mg/unit  
 Total THC



7.963 mg/unit  
 Total CBD



NT  
 Moisture: Not Tested

9.206 mg/unit  
 Total Cannabinoids

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	0.294	0.437	0.092	
CBCa	0.294	<LOQ	<LOQ	
CBD	0.294	7.963	1.678	
CBDa	0.294	<LOQ	<LOQ	
CBDV	0.294	<LOQ	<LOQ	
CBDVa	0.294	<LOQ	<LOQ	
CBG	0.294	0.492	0.104	
CBGa	0.294	<LOQ	<LOQ	
CBL	0.294	<LOQ	<LOQ	
CBN	0.294	<LOQ	<LOQ	
Δ8-THC	0.294	<LOQ	<LOQ	
Δ9-THC	0.294	0.314	0.066	
THCa	0.294	<LOQ	<LOQ	
THCV	0.294	<LOQ	<LOQ	
THCVa	0.294	<LOQ	<LOQ	

1 Unit = hemp gummy, 4.7451g

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



*Stacy Gardalen*

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 Quality Control

*Glen Marquez*

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### 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
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

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	100	<LOQ	Pass
Yeast & Mold	80	1000	<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	5.6	Pass
Ochratoxin A	2.0	20.0	2.3	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	41	2000	<LOQ	Pass
Cadmium	41	820	<LOQ	Pass
Lead	41	1200	<LOQ	Pass
Mercury	41	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	88	500	<LOQ	Pass
Heptanes	88	500	<LOQ	Pass
Propane	88	500	<LOQ	Pass



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