

# Certificate of Analysis

## H & H Processing

26428 South Highway 125  
Afton, OK 74331  
amber@higherhealthoklahoma.com  
(785) 307-0975  
Lic. #PAAA-NKNO-N2EL

Sample: 2109HGL5387.21370

Strain: THC Capsules with Mushroom Extract

Sample Received: 09/03/2021; Report Created: 09/10/2021  
Ingestible, Capsule, Other

THC Capsules with Mushroom Extract  
5mg

Lot#:   
Batch#: THC5-09032021  
Batch Size: g



## Cannabinoids

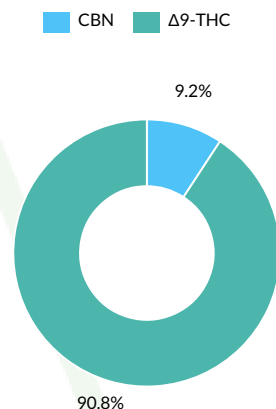
Complete

Total THC: 8.11 mg/unit

Total CBD: <LOQ

Total Cannabinoids: 8.94 mg/unit

Analyte	LOQ mg/unit	Mass mg/unit	Mass mg/g
THCa	0.54	ND	ND
Δ9-THC	0.54	8.11	16.10
Δ8-THC	0.54	ND	ND
THCV	0.54	ND	ND
CBDa	0.54	ND	ND
CBD	0.54	<LOQ	<LOQ
CBDV	0.54	ND	ND
CBN	0.54	0.83	1.64
CBGa	0.54	ND	ND
CBG	0.54	ND	ND
CBC	0.54	ND	ND
<b>Total</b>		<b>8.94</b>	<b>17.73</b>



Date Tested: 09/10/2021

Analysis performed on Agilent Infinity II 1260 HPLC

Total THC = THCa \* 0.877 + Δ9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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Laboratory Director

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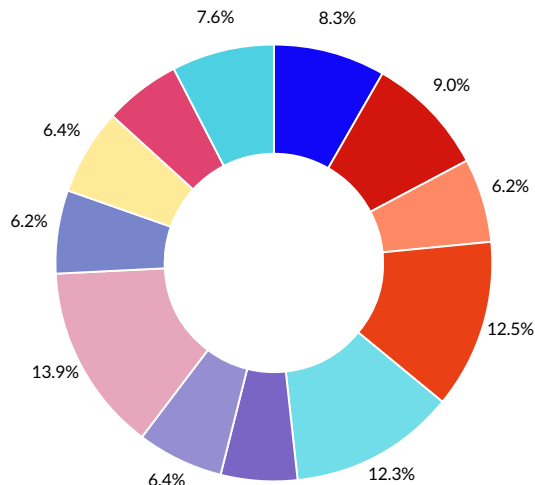
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## Terpenes

■ Nerol ■ Cedrol ■ Guaiol ■ Pulegone ■ Farnesene  
■ Nerolidol ■ Valencene ■ α-Cedrene ■ α-Humulene  
■ α-Bisabolol ■ trans-Nerolidol ■ Caryophyllene Oxide



## Primary Aromas



Wood



Mint



Magnolia



Flowers



Orange

Analyte	LOQ	Mass	Mass
	%	%	mg/g
α-Cedrene	0.01	0.08	0.8
Pulegone	0.01	0.08	0.8
Farnesene	0.01	0.08	0.8
Cedrol	0.01	0.05	0.5
Nerol	0.01	0.05	0.5
Caryophyllene Oxide	0.01	0.05	0.5
Valencene	0.01	0.04	0.4
α-Bisabolol	0.01	0.04	0.4
Guaiol	0.01	0.04	0.4
α-Humulene	0.01	0.04	0.4
Nerolidol	0.01	0.03	0.3
trans-Nerolidol	0.01	0.03	0.3
α-Phellandrene	0.01	ND	ND
α-Pinene	0.01	ND	ND
α-Terpinene	0.01	ND	ND
α-Terpineol	0.01	ND	ND
β-Caryophyllene	0.01	ND	ND
β-Myrcene	0.01	ND	ND
β-Pinene	0.01	ND	ND
Borneol	0.01	ND	ND
Camphene	0.01	ND	ND
Camphor	0.01	ND	ND
cis-Nerolidol	0.01	ND	ND
cis-Ocimene	0.01	ND	ND
δ-3-Carene	0.01	ND	ND
Endo-Fenchyl Alcohol	0.01	ND	ND
Eucalyptol	0.01	ND	ND
Fenchone	0.01	ND	ND
γ-Terpinene	0.01	ND	ND
γ-Terpineol	0.01	ND	ND
Geraniol	0.01	ND	ND
Geranyl Acetate	0.01	ND	ND
Hexahydro Thymol	0.01	ND	ND
Isoborneol	0.01	ND	ND
Isopulegol	0.01	ND	ND
Limonene	0.01	ND	ND
Linalool	0.01	ND	ND
Phytol	0.01	ND	ND
p-Cymene	0.01	ND	ND
Sabinene	0.01	ND	ND
Sabinene Hydrate	0.01	ND	ND
Terpinolene	0.01	ND	ND
trans-Ocimene	0.01	ND	ND
Total		0.61	6.1

Date Tested: 09/09/2021; Analysis performed on Agilent 7890A GC/FID

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### Solvents

Not Tested

Analyte	LOQ	Limit	Results
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### Microbials

Pass

Analyte	Limit CFU/g	Results CFU/g	Status
Yeast & Mold	10000	8600	Pass
Shiga Toxin E. Coli	1	ND	Pass
Salmonella	1	ND	Pass
Aspergillus niger	1	ND	Pass
Aspergillus fumigatus	1	ND	Pass
Aspergillus terreus	1	ND	Pass
Aspergillus flavus	1	ND	Pass

Date Tested: 09/08/2021  
E. coli test performed on 3M Petrifilm E. coli/Coliform Plates. Salmonella test performed on 3M MDS system. Yeast and Mold test performed on 3M Petrifilm Rapid Yeast and Mold Plate. Aspergillus test performed on Agilent AriaMX Real-Time PCR System. TNTC = Too Numerous to Count

### Heavy Metals

Not Tested

Analyte	LOQ	Limit	Results	Status
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Date Tested:  
Notes:

### Foreign Matter

Pass

Notes:

Date Tested:



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## Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Analyte	LOQ	Limit	Units	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.025	0.500	ND	Pass	Myclobutanil	0.025	0.200	ND	Pass
Azoxystrobin	0.025	0.200	ND	Pass	Permethrins	0.025	0.200	ND	Pass
Bifenazate	0.025	0.200	ND	Pass	Spinosad	0.025	0.200	ND	Pass
Etoazole	0.025	0.200	ND	Pass	Spiromesifen	0.025	0.200	ND	Pass
Imazalil	0.025	0.200	ND	Pass	Spirotetramat	0.025	0.200	ND	Pass
Imidacloprid	0.025	0.400	ND	Pass	Tebuconazole	0.025	0.400	ND	Pass
Malathion	0.025	0.200	ND	Pass					

Date Tested: 09/08/2021

Notes:

Analysis performed on Agilent Infinity II 1260 / 6470 Triple Quadrupole LC/MS

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## Mycotoxins

Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	2.50	20.00	ND	Pass
Ochratoxin A	2.50	20.00	ND	Pass

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