



501 E. 15th St, Suite 500C Edmond OK 73013 License #: LAAA-CKDM-WJI8

Phone: 405-330-5887

Certificate of Analysis



Address: 7525 E County Road 73710, Coyle, OK

73027

Phone: 6095027652

License Number: PAAA-NK4P-TXTD



Sample ID: SAM-09/18/2022-1735

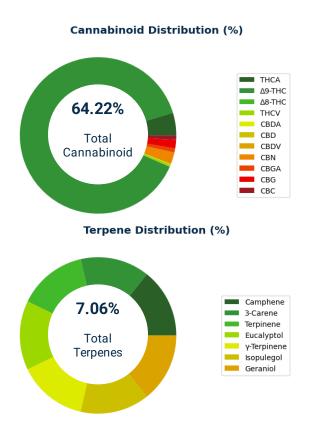
Strain Name: BHO Oil Sample Matrix: Concentrate Sample Matrix Subtype: Sample Date: 09/15/2022

Sample Batch ID: 1A40E010000559B000000117

Client Sample Size(g): 10



Results Summary Foreign Materials & Filth PASS 09/25/2022 **Potency TESTED** 09/25/2022 **Terpenes TESTED** 09/25/2022 **Residual Solvents PASS** 09/25/2022 **Pesticides PASS** 09/25/2022 **PASS Mycotoxins** 09/25/2022 ✓ PASS **Heavy Metals** 09/25/2022 **Microbial Impurities** PASS 09/25/2022



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PASS



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Foreign Materials & Filth

Date Analyzed: 09/18/2022Date Completed: 09/25/2022Instrument: MicroscopeMethod: SOP-F01

metrament. Wildredoope

Foreign Materials Status

Foreign Materials Analysis

Comments:

Pass

Potency

Instrument: HPLC Method: SOP-C01

Cannabinoid	Result (%)	Result (mg/g)	LOQ (mg/g)
THCA	3.01	30.10	0.01
Δ9-THC	56.99	569.92	0.01
Δ8-ΤΗС	ND	ND	0.01
THCV	0.33	3.30	0.01
CBDA	0.07	0.74	0.01
CBD	ND	ND	0.01
CBDV	ND	ND	0.01
CBN	1.56	15.64	0.01
CBGA	0.54	5.42	0.01
CBG	1.12	11.21	0.01
CBC	0.59	5.87	0.01
Total THC	59.63	596.32	-
Total CBD	0.06	0.65	-
Total Cannabinoids	64.22	642.20	-

 $\label{eq:Total THC(dry) = (THCa % 0.877 + $\Delta 9$-THC) / (1 - moisture)} \\ Total CBD(dry) = (CBDa % 0.877 + CBD) / (1 - moisture) \\$

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Terpenes

Date Analyzed: 09/18/2022 **Date Completed:** 09/25/2022 Calibration Date: 9-5-2022

Instrument: GC-FID Method: SOP-T01

Terpene	Result (mg/g)	Result (%)	LOQ (mg/g)
α-Pinene	2.00	0.20	0.01
Camphene	0.10	0.01	0.01
Myrcene	7.10	0.71	0.01
β-pinene	0.50	0.05	0.01
3-Carene	0.10	0.01	0.01
Terpinene	0.10	0.01	0.01
Ocimene	ND	ND	0.01
Delta-limonene	2.50	0.25	0.01
p-Cymene	ND	ND	0.01
β-Ocimene	0.60	0.06	0.01
Eucalyptol	0.10	0.01	0.01
γ-Terpinene	0.10	0.01	0.01
terpinolene	1.50	0.15	0.01
Linalool	2.30	0.23	0.01
Isopulegol	0.10	0.01	0.01
Geraniol	0.10	0.01	0.01
Caryophyllene	19.00	1.90	0.01
Humulene	7.90	0.79	0.01
Nerolidol	19.00	1.90	0.01
Guaiol	2.00	0.20	0.01
Caryophillene oxide	1.70	0.17	0.01
α-Bisabolol	3.80	0.38	0.01

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Residual Solvents

Date Analyzed: 09/18/2022 Instrument: GC-FID/Headspace **Date Completed: 09/25/2022**

Method: SOP-RS01

Calibration Date: 9-5-2022

Residual Solvent	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status	
1,2-Dichloroethane	ND	-	-	-	
Acetone	249	1	1000	Pass	
Acetonitrile	ND	-	-	-	
Benzene	ND	1	2	Pass	
Butane	107	1	1000	Pass	
Chloroform	ND	-	-	-	
Ethanol	ND	1	5000	Pass	
Ethyl Acetate	ND	1	1000	Pass	
Ethyl Ether	ND	-	-	-	
Ethylene oxide	ND	-	-	-	
Heptane	ND	1	1000	Pass	
Hexane	ND	1	60	Pass	
Isopropyl alcohol	18	1	1000	Pass	
Methanol	68	1	600	Pass	
Methylene chloride	ND	-	-	-	
Pentane	ND	1	1000	Pass	
Propane	ND	1	1000	Pass	
Toluene	ND	1	180	Pass	
Trichloroethylene	ND	-	-	-	
0-Xylene	ND	1	-	-	
p- and m-Xylene	ND	1	-	-	
Total Xylenes	ND	1	430	Pass	

Pesticides

PASS

Date Analyzed: 09/18/2022 **Instrument: LCMSMS**

Date Completed: 09/25/2022 Method: Tested by Elevated Scientific

Calibration Date: 9-5-2022

Pesticide	Result (ppb)	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status
Abamectin	ND	ND	0.02	0.50	Pass
Azoxystrobin	ND	ND	0.02	0.20	Pass
Bifenazate	ND	ND	0.02	0.20	Pass
Etoxazole	ND	ND	0.02	0.20	Pass
Imazalil	ND	ND	0.02	0.20	Pass
Imidacloprid	ND	ND	0.02	0.40	Pass
Malathion	ND	ND	0.02	0.20	Pass
Myclobutanil	ND	ND	0.02	0.20	Pass
Permethrin	ND	ND	0.02	0.20	Pass
Spinosad	ND	ND	0.02	0.20	Pass
Spiromesifen	ND	ND	0.02	0.20	Pass
Spirotetramat	ND	ND	0.02	0.20	Pass
Tebuconazole	ND	ND	0.02	0.40	Pass

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M	VCO.	toxins
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Date Analyzed: 09/18/2022	Date Completed: 09/25/2022
Instrument: LCMSMS	Method: Tested by Elevated Scientif

Method: Tested by Elevated Scientific

Calibration Date: 9-5-2022

Mycotoxins	Result (ppb)	LOQ (ppb)	Limit (ppb)	Status	
B1	ND	2.0	-	-	
B2	ND	2.0	-	-	
G1	ND	2.0	-	-	
G2	ND	2.0	-	-	
Ochratoxin A	ND	2.0	20.0	Pass	
Total Aflatoxins	ND	2.0	20.0	Pass	

Heavy Metals

PASS

Date Analyzed: 09/18/2022 Instrument: ICPMS

Date Completed: 09/25/2022

Method: SOP-HM01

Calibration Date: 9-5-2022

Heavy Metals	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status
Arsenic	0.03	0.05	0.20	Pass
Cadmium	ND	0.05	0.20	Pass
Lead	0.08	0.05	0.50	Pass
Mercury	ND	0.05	0.10	Pass

Microbial Impurities



PASS

Date Analyzed: 09/18/2022
Instrument: qPCR

Date Completed: 09/25/2022

Method: SOP-Micro-01, 02, 03, 04, 05, 06,

Calibration Date: 9-5-2022

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Aspergillus Flavus	ND	1	Pass
Aspergillus Fumigatus	ND	1	Pass
Aspergillus Niger	ND	1	Pass
Aspergillus Terreus	ND	1	Pass
Yeast & Mold	ND	10000	Pass
E.coli	ND	1	Pass
Salmonella	ND	1	Pass

Powered by QBench

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Dr. Luke Wang Lab Director 09/27/2022

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