



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



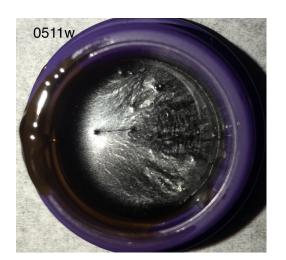
Sample ID: SAM-05/11/2023-5699

Strain Name: BHO Oil Sample Matrix: Concentrate Sample Matrix Subtype: Sample Date: 05/11/2023

Sample Batch ID:

Sample Metric ID: 1A40E010000559B0000000254

Client Sample Size(g): 10



Results Summary

TESTED

Foreign Materials & Filth	✓	PASS
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05/18/2023

Potency TESTED 05/18/2023

Terpenes 05/18/2023

Residual Solvents
✓ PASS

05/18/2023

Pesticides PASS

05/18/2023

Mycotoxins PASS

05/18/2023

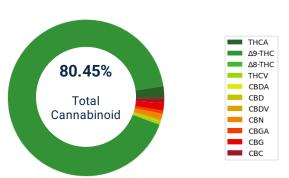
Heavy Metals PASS

05/18/2023

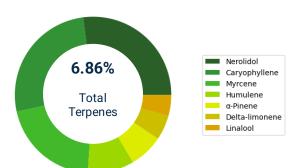
Microbial Impurities PASS

05/18/2023

Cannabinoid Distribution (%)



Terpene Distribution (%)



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PASS



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Foreign Materials & Filth

Date Analyzed: 05/18/2023 **Instrument:** Visual Inspection

Date Completed: 05/18/2023

Method: SOP-F01

Foreign Materials Status

Foreign Materials Analysis

Comments:

Pass

Potency

Instrument: HPLC

Date Analyzed: 05/18/2023

Date Completed: 05/18/2023

Method: SOP-C01

Calibration Date: 01/01/2023

Cannabinoid	Result (%)	Result (mg/g)	LOQ (mg/g)
THCA	1.96	19.57	0.01
Δ9-THC	74.03	740.30	0.01
Δ8-THC	ND	ND	0.01
THCV	0.43	4.35	0.01
CBDA	0.06	0.59	0.01
CBD	0.24	2.43	0.01
CBDV	0.15	1.51	0.01
CBN	0.94	9.45	0.01
CBGA	0.52	5.24	0.01
CBG	1.25	12.49	0.01
CBC	0.86	8.61	0.01
Total THC	75.75	757.46	-
Total CBD	0.29	2.95	-
Total Cannabinoids	80.45	804.54	-

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: 05/18/2023 Instrument: GC-FID

Date Completed: 05/18/2023

Method: SOP-T01

Calibration Date: 01/30/2023

Terpene	Result (mg/g)	Result (%)	LOQ (mg/g)	
α-Pinene	4.40	0.44	0.01	
Camphene	0.20	0.02	0.01	
Myrcene	12.80	1.28	0.01	
β-pinene	0.90	0.09	0.01	
3-Carene	ND	ND	0.01	
Terpinene	ND	ND	0.01	
Ocimene	ND	ND	0.01	
Delta-limonene	3.20	0.32	0.01	
p-Cymene	ND	ND	0.01	
β-Ocimene	0.90	0.09	0.01	
Eucalyptol	0.10	0.01	0.01	
γ-Terpinene	ND	ND	0.01	
terpinolene	0.30	0.03	0.01	
Linalool	2.70	0.27	0.01	
Isopulegol	0.10	0.01	0.01	
Geraniol	ND	ND	0.01	
Caryophyllene	16.50	1.65	0.01	
Humulene	6.00	0.60	0.01	
Nerolidol	16.90	1.69	0.01	
Guaiol	0.40	0.04	0.01	
Caryophillene oxide	1.90	0.19	0.01	
α-Bisabolol	1.30	0.13	0.01	

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Residual Solvents

Date Analyzed: 05/18/2023 Instrument: GC-FID/Headspace **Date Completed: 05/18/2023**

Method: SOP-RS01

Calibration Date: 05-03-2023

Residual Solvent	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status	
1,2-Dichloroethane	ND	-	-	-	
Acetone	20	1	1000	Pass	
Acetonitrile	ND	-	-	-	
Benzene	ND	1	2	Pass	
Butane	263	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	2	1	60	Pass	
Isopropyl alcohol	5	1	1000	Pass	
Methanol	24	1	600	Pass	
Methylene chloride	ND	-	-	-	
Pentane	ND	1	1000	Pass	
Propane	ND	1	1000	Pass	
Toluene	ND	1	180	Pass	
Trichloroethylene	ND	-	-	-	
O-Xylene	ND	1	-	-	
p- and m-Xylene	ND	1	-	-	
Total Xylenes	ND	1	430	Pass	

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PASS

Pesticides

Date Analyzed: 05/18/2023 Instrument: LCMSMS **Date Completed:** 05/18/2023

Method: SOP-PM01

Calibration Date: 02/03/2023

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

Mycotoxins





Date Analyzed: 05/18/2023 **Instrument:** LCMSMS

Date Completed: 05/18/2023

Method: Tested by Elevated Scientific

Calibration Date: 05-03-2023

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





Date Analyzed: 05/18/2023 Instrument: ICPMS

Date Completed: 05/18/2023 **Method:** SOP-HM01

Calibration Date: 02/01/2023

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

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Instrument: qPCR

Salmonella

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Pass

Microbial Impurities

PASS

07

ND

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

al L3

Dr. Luke Wang Lab Director 05/18/2023

