



License No. 800025015  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**THE ORIGINAL OIL SHOP**  
WWW.THEORIGINALOILSHOP.COM  
SALT LAKE CITY, UT 84101

Batch # 5003  
Batch Date: 2021-05-07  
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg  
State: Utah

Order # THE210617-040027  
Order Date: 2021-06-17  
Sample # AABM857

Sampling Date: 2021-06-22  
Lab Batch Date: 2021-06-22  
Completion Date: 2021-07-07

Initial Gross Weight: 52.951 g

Number of Units: 1  
Net Weight per Unit: 36782.000 mg



**Potency**  
Tested



**Heavy Metals**  
Passed



**Mycotoxins**  
Passed



**Pesticides**  
Passed



**Residual Solvents**  
Passed



**Pathogenic Microbiology**  
Passed



**Listeria Monocytogenes**  
Passed



### Potency - 11

Specimen Weight: 94.380 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	0.000054	0.001	7.929	0.793
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
Delta-8 THC	10.000	0.000026	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ

**Tested**  
(HPLC/LCMS)



### Potency Summary

<b>Total THC</b> None Detected	<b>Total CBD</b> 0.793% 291.644mg
<b>Total CBG</b> None Detected	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> None Detected	<b>Total Cannabinoids</b> 0.793% 291.644mg

*Xueli Gao*  
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Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
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Lab Director/Principal Scientist  
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## Heavy Metals (For UT Clients ONLY)

**Passed**  
(ICP-MS)

Specimen Weight: 126.800 mg

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	2000	<LOQ	Cadmium (Cd)	100	820	<LOQ
Lead (Pb)	100	1200	<LOQ	Mercury (Hg)	100	400	<LOQ



## Mycotoxin - Utah

**Passed**  
(LCMS)

Specimen Weight: 184.300 mg

Dilution Factor: 8.139

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Number of Units: 1  
Net Weight per Unit: 36782.000 mg

**Pesticides (UT Levels)** **Passed**  
(LCMS/GCMS)

Specimen Weight: 184.300 mg

Dilution Factor: 8.139

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	500	<LOQ	Acephate	30	400	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	200	<LOQ
Aldicarb	30	400	<LOQ	Azoxystrobin	10	200	<LOQ
Bifenazate	30	200	<LOQ	Bifenthrin	30	200	<LOQ
Boscalid	30	400	<LOQ	Carbaryl	10	200	<LOQ
Carbofuran	30	200	<LOQ	Chlorantraniliprole	30	200	<LOQ
Chlorfenapyr	48	1000	<LOQ	Chlorpyrifos	30	200	<LOQ
Clofentezine	30	200	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	1000	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	200	<LOQ	Ethoprophos	30	200	<LOQ
Etofenprox	30	400	<LOQ	Etoxazole	30	200	<LOQ
Fenoxycarb	30	200	<LOQ	Fenpyroximate	30	400	<LOQ
Fipronil	30	400	<LOQ	Flonicamid	30	1000	<LOQ
Fludioxonil	30	400	<LOQ	Hexythiazox	30	1000	<LOQ
Imazalil	30	200	<LOQ	Imidacloprid	30	400	<LOQ
Kresoxim Methyl	30	400	<LOQ	Metalaxyl	10	200	<LOQ
Methiocarb	30	200	<LOQ	Methomyl	30	400	<LOQ
MGK-264	48	200	<LOQ	Myclobutanil	30	200	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	1000	<LOQ
Pacllobutrazol	30	400	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	2000	<LOQ	Prallethrin	30	200	<LOQ
Propiconazole	30	400	<LOQ	Propoxur	30	200	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	200	<LOQ
Spinosad	30	200	<LOQ	Spiromesifen	30	200	<LOQ
Spirotetramat	30	200	<LOQ	Spiroxamine	30	400	<LOQ
Tebuconazole	30	400	<LOQ	Thiacloprid	30	200	<LOQ
Thiamethoxam	30	200	<LOQ	Trifloxystrobin	30	200	<LOQ

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Number of Units: 1  
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## Residual Solvents (For UT Clients ONLY) Passed (GCMS)

Specimen Weight: 108.800 mg

Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,2 Dimethoxyethane	6.4	100	<LOQ	1,4 Dioxane	8	380	<LOQ
1-Butanol	6.4	5000	<LOQ	1-Pentanol	0.32	5000	<LOQ
1-Propanol	8	5000	<LOQ	2,2-dimethylbutane	12	290	<LOQ
2,3-dimethylbutane	26.668	290	<LOQ	2-Butanol	8	5000	<LOQ
2-Ethoxyethanol	4	160	<LOQ	2-methylbutane	2	5000	<LOQ
2-Methylpentane	6.4	290	<LOQ	2-Propanol (IPA)	6.4	5000	<LOQ
3-Methylpentane	2.4	290	<LOQ	Acetone	12	5000	<LOQ
Acetonitrile	0.96	410	<LOQ	Benzene	0.016	2	<LOQ
Butane	13.32	5000	<LOQ	Cumene	0.032	70	<LOQ
Cyclohexane	0.032	3880	<LOQ	Dichloromethane	0.8	600	<LOQ
Dimethyl sulfoxide	6.4	5000	<LOQ	Ethanol	16	5000	<LOQ
Ethyl Acetate	6.4	5000	<LOQ	Ethyl Ether	8	5000	<LOQ
Ethylene glycol	6.4	620	<LOQ	Ethylene Oxide	0.32	50	<LOQ
Heptane	8	5000	<LOQ	Isopropyl acetate	8	5000	<LOQ
Methanol	4	3000	<LOQ	Methylpropane	2	5000	<LOQ
N,N-dimethylacetamide	6.4	1090	<LOQ	N,N-dimethylformamide	0.132	880	<LOQ
n-Hexane	0.8	290	<LOQ	Pentane	12	5000	<LOQ
Propane	26.668	5000	<LOQ	Pyridine	6.4	100	<LOQ
Sulfolane	6.4	160	<LOQ	Tetrahydrofuran	6.4	720	<LOQ
Toluene	2.4	890	<LOQ	Total Xylenes	7.2	1000	<LOQ

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## Pathogenic Microbiology SAE (MicroArray) Passed (Micro Array)

Specimen Weight: 1031.690 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

## Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 983.400 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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