



1500mg  
Full Spectrum

# Hammer Hemp Oil COA

**Product Name** Full Spectrum CBD Hemp Oil  
**Product Code** CF-T-TO-1500mg-MI-GS-BL-1oz

**Ingredients:** Grape Seed Oil, Full Spectrum Hemp Oil, Peppermint Oil, Stevia, Industrial Hemp

Parameter	Method	Specification	Results
<b>Appearance</b>		Thin Oil	Pass
<b>Color</b>	<b>QC-SOP-002</b>	Yellow Green to Green	Pass
<b>Dissolution</b>		Soluble and translucent	Pass
<b>Cannabinoids</b>		<b>LOQ (%)</b>	<b>WT (%)</b>
			<b>(mg/g)</b>
CBD		0.055	5.282
CBD-A		0.056	ND
Δ9-THC		0.053	0.164
THC-A		0.047	ND
CBN		0.015	0.02
CBN-A		0.034	ND
CBG		0.012	0.118
CBC		0.021	0.177
CBC-A		0.019	ND
Δ8-THC	<b>QCU001</b>	0.059	ND
CBDV	<b>(UHPLC-DAD)</b>	0.013	0.075
CBDV-A		0.023	ND
THCV		0.011	ND
<b>Potency - Total CBD</b>		NLT 95% of Labelled Claim	95% of Labelled Claim (1426.14mg / 27g)
<b>Total THC</b>		>0.30%	0.16%
<b>Identity - CBD</b>		Retention Time +/- 0.05min of Standard	(-) 0.01 min
<b>Cannabinoid Content</b>		NLT 95% of target concentration CBD, THC - Report Results	1500mg CBD per 1oz, <0.3% THC - 95%
<b>Terpenes</b>		For Information Only	
β-Caryophyllene			0.61%
α-Bisabolol			0.10%
Guaiol	<b>GC-MS</b>		0.10%
α-Humulene	<b>(CannaSafe)</b>		0.24%
Linalool			0.03%
Trans-Nerolidol			0.04%

**This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.**



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Parameter	Method	Specification	Results
<b>Pesticides</b>	LC/MS GC/MS (CannaSafe)	Conforms to EPA limits	Pass
<b>Residual Solvents</b>			
Ethanol	USP <467>	5000 ppm	Pass
Methanol		3000 ppm	Pass
Pentane		5000 ppm	Pass
Acetone		5000 ppm	Pass
Isopropyl Alcohol	GC FID (Cannasafe)	5000 ppm	Pass
Heptane		5000 ppm	Pass
Hexane		290 ppm	Pass
<b>Heavy Metals</b>			
Arsenic	USP <2232> ICP- MS (Cannasafe)	<1.5 ppm	ND
Cadmium		<0.5 ppm	ND
Lead		<0.5 ppm	ND
Mercury		<1.5 ppm	ND
<b>Microbial Limits</b>			
Total Aerobic Plate Count	USP <2023> (Green Scientific)	<10 <sup>4</sup> cfu/g	None Detected
Total Yeast and Mold		<10 <sup>3</sup> cfu/g	None Detected
Total Coliforms		<10 <sup>2</sup> cfu/g	None Detected
Aspergillus		Absent	Absent
Shiga-toxin producing E. coli (STEC)		Absent in 25g	Absent
Salmonella		Absent in 25g	Absent
<b>Mycotoxins</b>			
Aflatoxin B1	USP <561> LC-MS (CannaSafe)	<5ppb	ND
Aflatoxin B2		<5ppb	ND
Aflatoxin G1		<5ppb	ND
Aflatoxin G2		<5ppb	ND
Total Aflatoxins		<20ppb	ND
Ochratoxin A		<10ppb	ND

Notes: \*According to Hammer Nutrition 3rd party analytical method, US Pharmacopia or contract laboratory method. \*\*Testing performed on bulk oil. ND=Not detected, LOQ=Limit of Detection

The above certificate of analysis is based on Product Specification (QA-FRM3-0001 T-X-Y-Z-A) Revision No. 04

**Results conform to all specifications**  Yes  
 No

**Note:** When sampling, manufacturing and formulating with this oil, the oil **MUST** first be heated and liquified at 70-75° C and mixed thoroughly. Attempting to sample the oil when it is in a semi-solid state will not result in accurate analytical results.

**Storage:** Room Temperature, Protect from Light, Heat and Moisture.

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