



250mg
Hydro

Hammer Hemp Oil COA

Product Name Broad Spectrum CBD Hemp Oil
Product Code BO-NO-Y-Z-A

Ingredients: Phytocannabinoid-Rich Hemp Oil
Inactive Ingredients: Vegetable Glycerin, Quillaja Extract

Parameter	Method	Specification	Results	
Appearance	QCU002	Viscous Oil, Possible Crystal Formation	Pass	
Color		Pale Yellow to Amber to Brown	Pass	
Dissolution		Soluble and translucent	Pass	
Cannabinoids		LOQ (ppm)	WT (%)	(mg/g)
CBD	QCU001 (UHPLC-DAD)	20	85.934	859.34
CBD-A		20	< LOQ	< LOQ
Δ9-THC		5	< LOQ	< LOQ
THC-A		5	< LOQ	< LOQ
CBN		5	0.025	0.25
CBN-A		5	< LOQ	< LOQ
CBG		5	< LOQ	< LOQ
CBC		5	< LOQ	< LOQ
CBC-A		5	< LOQ	< LOQ
Δ8-THC		5	< LOQ	< LOQ
CBDV		5	1.41	14.1
CBDV-A		5	< LOQ	< LOQ
THCV		5	< LOQ	< LOQ
Potency - Total CBD			NLT 80.0%	85.00%
Total THC		0.00%	0.00%	
Identity - CBD		Retention Time +/- 0.05min of Standard	0.02 min	
Cannabinoid Content		NLT 95% of target concentration CBD, 0.0% THC	250mg CBD per 1oz 0.0% THC	
Terpenes		For Information Only		
β-Caryophyllene	GC-MS (CannaSafe)		0.25%	
Guaiol			0.13%	
α-Humulene			0.01%	
Linalool			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
Pesticides	LC/MS GC/MS	Conforms to EPA limits	Pass
Residual Solvents			
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
Heavy Metals			
Arsenic	USP <2232> ICP- MS (Cannasafe)	<1.5 ppm	Pass
Cadmium		<0.5 ppm	Pass
Lead		<0.5 ppm	Pass
Mercury		<0.2 ppm	Pass
Microbial Limits			
Total Aerobic Plate Count		<1000 cfu/g	Pass
Total Yeast and Mold		<100 cfu/g	Pass
Enterobacteriaceae	USP <2023> (Green Scientific)	<10 MPN/g	Pass
Aspergillus		Absent	Pass
E. coli		Absent	Pass
Salmonella		Absent	Pass
Mycotoxins			
Aflatoxin B1	USP <561> LC-MS (CannaSafe)	<5ppb	Pass
Aflatoxin B2		<5ppb	Pass
Aflatoxin G1		<5ppb	Pass
Aflatoxin G2		<5ppb	Pass
Total Aflatoxins		<20ppb	Pass
Ochratoxin A		<10ppb	Pass

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-FRM3-005 BO-NO-Y-Z-A) Revision No. 01

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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