



25mg

Hammer Hemp Oil COA

I. General Information			
Description:	Red Hemp Oil Softgels	Spec Rev:	01
Serving Size:	1 capsule	Bulk Item Code:	7031
		Daily Serving (ml):	1 softgel

II. Test Report				
	Attribute	Spec Range	Result	Method
Physical	Appearance	Amber	Pass	SOP
		Softgel		03.016.0
Odor		Conforms to spectra	Pass	1
				03.016.0
Assay	Cannabinoid	NLT 25mg / g	Pass	HPLC
Heavy Metals	Pb (Lead)	NMT 10mcg/day	0.041	ICP-MS
	Hg (Methylmercury)	NMT 2mcg/day	0.017	ICP-MS
	Cd (Cadmium)	NMT 5mcg/day	<0.001	ICP-MS
	As (Inorganic Arsenic)	NMT 15mcg/day	<0.001	ICP-MS
Micro	Total Plate Count	<2000 cfu/g	<10	USP <2021>
	Yeast & Mold	<200 cfu/g	<10 / <10	USP <2021>
	Total Coliforms	<10 cfu/g	<10	AOAC 991.14
	E. coli	Absent in 10g	Absent	AOAC 991.14
	Salmonella	Absent in 10g	Absent	USP <2021>

III. COA Approval

	Name	Title	Sign	Date
Prepared By:	Victoria Danner	QC Tech	<i>Victoria Danner</i>	11/21/2019
Approved By:	Robert Bost	QC Manager	<i>Robert Bost</i>	11/21/2019

Testing performed at 3rd Party Lab by co-pack



IV. Other Test Results

Type: THC-Free Phytocannabinoid-Rich (PCR) Soft gel

Batch# GC2519-07

Date of MFG: 22Apr2019

Date of Analysis: 02May2019

Total Active PCR Oil per Softgel: 25.52mg

Potency Results:		
Cannabinoid	Wt % per g	(mg/cap)
CDB	4.37	27.6
CBG	ND**	ND**
CBN	ND**	ND**

Potency Results Continued:

Cannabinoid	Wt % per g	(mg/cap)
CBN	ND**	ND**
THC	ND**	ND**
CBC	ND**	ND**
THC-A	ND**	ND**
CBD-A	ND**	ND**
MAX THC	ND**	ND**
MAX CBD	4.37	27.6
Total Active	4.37	27.6

Terpene Results*:

	Wt (%)		Wt (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
β-Cartophyllene	0.1-1.0	Linalool	< 0.1
α-Humulene	0.1-1.0	Mycene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
α-Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
α-Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	γ-Terpinene	< 0.1
Eucalyptol	0.1-0.2	d-3-Carnene	< 0.1

Residual Solvents*:

Propane	Compliant with UPS <467>
Isobutane	Compliant with UPS <467>
Butane	Compliant with UPS <467>
Ethanol	Compliant with UPS <467>
Pentane	Compliant with UPS <467>
Isopropanol	Compliant with UPS <467>
Hexane	Compliant with UPS <467>
Acetone	Compliant with UPS <467>

Pesticides*:

Acequinocyl	ND***	Spinosad	ND***
Pyrethrin	ND***	Spirotetramat	ND***
Spiromesifen	ND***	Bifenazate	ND***
Abamectin	ND***	Fenoxycarb	ND***
Imidacloprid	ND***	Paclobutrazol	ND***

Test ID: 121418KP

*Batches are sent out regularly for testing, not all batches tested
 **ND = Not Detected using a validated high-performance liquid chromatography test method %
 ***Pesticides are tested by third party lab, ND = Not Detected at the Reporting Limit (RL)

Batch Release:

Chemist: Zosha McKinley *Zosha McKinley* 07 May 2019

Manager: Ashley Orasco *Ashley Orasco* 07 May 2019

COPY *07 May 2019*

Testing performed at 3rd Party Lab by manufacturer



Green Scientific Labs has only tested for Mycotoxins. Other testing performed by different labs

Mycotoxin			
Analyte	Method	Action Level (ppb)	Results (ppb)
Aflatoxin B1	LC-MS - Shimadzu LCMS-8060	20.000	ND
Aflatoxin B2	LC-MS - Shimadzu LCMS-8060	20.000	ND
Aflatoxin G1	LC-MS - Shimadzu LCMS-8060	20.000	ND
Aflatoxin G2	LC-MS - Shimadzu LCMS-8060	20.000	6
Ochratoxin A	LC-MS - Shimadzu LCMS-8060	20.000	ND



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Dylan Swart, Lab Director

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