



10mg

Hammer Hemp Oil COA

I. General Information			
Description:	Golden Hemp Oil Softgels	Spec Rev:	01
Serving Size:	1 capsule	Bulk Item Code:	3003
		Daily Serving (ml):	1 softgel

II. Test Report				
	Attribute	Spec Range	Result	Method
Physical	Appearance	Golden Softgel	Pass	SOP 03.016.0 1
		Conforms to spectra	Pass	SOP 03.016.0 1
Assay	Cannabinoids	NLT 10 mg / day	10.3mg	HPLC
		NMT than 0.3% Weight	0.000	HPLC
Heavy Metals	Pb (Lead)	NMT 10mcg/day	0.002	ICP-MS
	Hg (Methylmercury)	NMT 2mcg/day	<0.001	ICP-MS
	Cd (Cadmium)	NMT 5mcg/day	<0.001	ICP-MS
	As (Inorganic Arsenic)	NMT 15mcg/day	0.029	ICP-MS
Micro	Total Plate Count	<2000 cfu/g	120	USP <2021>
	Yeast & Mold	<200 cfu/g	<10	USP <2021>
	Total Coliforms	<10 cfu/g	<10	AOAC 991.14
	E. coli	<10 cfu/g	Absent	USP <2021>
	Salmonella	Negative in 10g	Absent	USP <2021>

III. COA Approval				
	Name	Title	Sign	Date
Prepared By:	Victoria Danner	QC Tech	<i>Victoria Danner</i>	12/19/2019
Approved By:	Robert Bost	QC Manager	<i>Robert Bost</i>	12/19/2019

*Testing performed at 3rd Party Lab by co-packer



IV. Other Test Results

Type: THC-Free Phytocannabinoid-Rich Gel, 10mg soft gel

Batch# GC1019-06

Date of MFG: 20Jun2019

Date of Analysis: 28Jun2019

Total Active PCR Oil per Softgel: 10.38mg

Potency Results:		
Cannabinoid	Wt % per g	(mg/cap)
CBD	1.66	10.98
CBG	<0.03	<0.30
CBN	<0.03	<0.30

Potency Results Continued:

Cannabinoid	Wt % per g	(mg/cap)
THC	ND**	ND**
CBC	<0.03	<0.30
THC-A	ND**	ND**
CBD-A	<0.03	<0.30
CBDV	<0.03	<0.30
MAX THC	ND**	ND**
MAX CBD	1.66	10.98
Total Active	1.66	10.98

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>

Pesticides*:

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

Test ID: 062619ZM

*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: Lena Johnson

Manager: Ashley Grosco

28Jun2019

28Jun2019

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*Testing performed at 3rd Party Lab by manufacturer