



Product:

EXTRA STRENGTH
CAPSULES

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION:

Product Description:	CBD Capsules made from 100% industrial hemp oil.
Manufacture Date:	05-29-19
Material Number:	19042201
Descriptors:	Thin gold-amber color, characteristic hemp taste and smell.
Country of Origin:	USA
Packing Materials:	Encapsulation.
Status:	Finished Product

Ingredient Statement:

MCT, HPMC (vegetable-based cellulose), Capsule, Silica.

Storage: Keep Cool (room temperature <25° C/ 77° F), protected from light, excessive heat and moisture. Refrigeration recommended for optimal preservation.

Shelf life: 2 years (projected) from production in original closed package at room temperature or < 20°C.

Characteristic	Test Method	Result	Specification
Appearance	Visual	Pass	Clear Light Amber Liquid*
Identification	TQ-311 Scientific method	Pass	Complies to Standard
Sensory	TQ-310 Organoleptic	Pass	Complies to standard
Specific Gravity	TQ-103 (AOAC 920.212)	N/A	Informative
Potency	Test Method	Result	Specification
Total Cannabinoids	TM14	45.8 mg/capsule	Target ≥ 45mg per capsule
CBD	TM14	45.8 mg/capsule	Target ≥ 45mg per capsule
THC	TM14	<0.05	Target ≥0.3%
Microbiology	Test Method	Result	Specification
Aerobic Plate Count	AHP Cannabis Inflorescence 2014	None Detected	≤ 10,000 cfu/g
<i>E. coli</i>	AHP Cannabis Inflorescence 2014	None Detected	Negative/1g
<i>Bile-tolerant Gram-Negative Bacteria</i>	AHP Cannabis Inflorescence 2014	Not Tested	≤ 100 cfu/g
Yeast & Mold	AHP Cannabis Inflorescence 2014	None Detected	≤ 1000 cfu/g
Coliforms	AHP Cannabis Inflorescence 2014	None Detected	≤ 100 cfu/g
Heavy Metals	Test Method	Result	Specification
Inorganic Arsenic	ICP/MS USP<730>/ AOAC 993.14	<0.0763 ppm	≤ 10 ppm, as per AHP standards
Cadmium	ICP/MS USP<730>/ AOAC 993.14	<0.0191 ppm	≤ 4.1ppm, as per AHP standards
Lead	ICP/MS USP<730>/ AOAC 993.14	<0.0191 ppm	≤ 6 ppm, as per AHP standards
Methyl Mercury	ICP/MS USP<730>/ AOAC 993.14	<0.00953 ppm	≤ 2ppm, as per AHP standards
Residual Solvents	Test Method	Result	Specification
Propane	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Butanes (Isobutane, n-Butane)	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Pentane	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Ethanol	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Acetone	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Isopropyl Alcohol	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Hexane	TM04	0 ppm	≤ 5000 ppm, as per AHP

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			standards
Benzene	TM04	0 ppm	≤ 290 ppm, as per AHP standards
Heptanes	TM04	0 ppm	≤ 5000 ppm, as per AHP standards
Toluene	TM04	0 ppm	≤ 890 ppm, as per AHP standards
Xylenes (m,p,o-Xylenes)	TM04	0 ppm	≤ 2170 ppm, as per AHP standards
Mycotoxins	Test Method	Result	Specification
Alfatoxin B1	Analytical and BioAnalytical Chemistry, 402:2675-2688 (2012)	Not Tested	≤5 ppb, as per AHPA standards
Aflatoxin B2	Analytical and BioAnalytical Chemistry, 402:2675-2688 (2012)	Not Tested	See total Aflatoxin specification
Aflatoxin G1	Analytical and BioAnalytical Chemistry, 402:2675-2688 (2012)	Not Tested	See total Aflatoxin specification
Aflatoxin G2	Analytical and BioAnalytical Chemistry, 402:2675-2688 (2012)	Not Tested	See total Aflatoxin specification
Ochratoxin A	Analytical and BioAnalytical Chemistry, 402:2675-2688 (2012)	Not Tested	≤20 ppb as per AHPA standards

Pesticides	Test Method	Result	Specification
GLYPHOSATE	Monsanto Company Method ME-1466-02	Not Tested	Non-detectable
ABAMECTIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 300 PPB, as per AHP standards
ALDICARB	CEN Standard Method EN 15662	<0.05 mg/kg	< 500 PPB
ALDICARB SULFONE (ALDOXYCARB)	CEN Standard Method EN 15662	<0.05 mg/kg	< 500 PPB
ALDICARB SULFOXIDE	CEN Standard Method EN 15662	<0.05 mg/kg	< 500 PPB
AZOXYSTROBIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 40000 PPB
BIFENAZATE	CEN Standard Method EN 15662	<0.05 mg/kg	< 5000 PPB
BIFENTHRIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 500 PPB
CARBARYL	CEN Standard Method EN 15662	<0.05 mg/kg	< 25 PPB
CARBOFURAN	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CARBOFUAN-3-HYDROXY	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CHLORANTRANILIPROLE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CHLORDANE, CIS-	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CHLORDANE, TRANS-	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CHLORFENAPYR	CEN Standard Method EN 15662	<0.05 mg/kg	< 1500 PPB
CHLORPYRIFOS	CEN Standard Method EN 15662	<0.05 mg/kg	< 500 PPB
COUMAPHOS	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CYFLUTHRIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 1000 PPB
CYPERMETHIM	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CYPROCONAZOLE (2-DIASTEREOMERS)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
CYPRODINIL	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
DICHLORVOS	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
DIPROPETRYN	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
DISULFOTON	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
ENDOSULFAN I (ALPHA-ISOMER)	CEN Standard Method EN 15662	<0.05 mg/kg	< 2500 PPB
ENDOSULFAN II (BETA-ISOMER)	CEN Standard Method EN 15662	<0.05 mg/kg	< 2500 PPB
ENDOSULFAN SULFATE	CEN Standard Method EN 15662	<0.05 mg/kg	< 2500 PPB
EPXICONAZOLE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
ETHIOFENCARB	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
ETOFENPROX	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
ETOXAZOLE	CEN Standard Method EN 15662	<0.05 mg/kg	< 1500 PPB

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FENOXYCARB	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
FENPROPATHRIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
FENVALEERATE/ESFENVALERATE (SUM OF ISOMERS)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
FIPRONIL	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
FIPRONIL DESULFINYL	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
FIPRONIL SULFONE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
IMAZALIL	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
IMIDACLOPRID	CEN Standard Method EN 15662	<0.05 mg/kg	< 3000 PPB
MALATHION	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
METHIOCARB	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
METHIOCARB SULFONE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
METHIOCARB SULFOXIDE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
METHOMYL	CEN Standard Method EN 15662	<0.05 mg/kg	< 25 PPB
MEVINPHOS (E- AND Z-ISOMERS)	CEN Standard Method EN 15662	<0.05 mg/kg	< 25 PPB
MYCLOBUTANIL	CEN Standard Method EN 15662	<0.05 mg/kg	< 9000 PPB
NALED (DIBROM)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
PACLOBUTRAZOL	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
PERMETHRIN (SUM OF ISOMERS)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
PROPOXUR	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
SPINETORAM (SPINOSYNS J AND L)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
SPINOSAD (SPINOSYNS A AND D)	CEN Standard Method EN 15662	<0.05 mg/kg	< 3000 PPB
SPIRODICLOFEN	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
SPIROMESIFEN	CEN Standard Method EN 15662	<0.05 mg/kg	< 12000 PPB
SPIROMESIFEN ENOL	CEN Standard Method EN 15662	<0.05 mg/kg	< 12000 PPB
SPIROTETRAMAT	CEN Standard Method EN 15662	<0.05 mg/kg	< 13000 PPB
SPRIOXAMINE (2 DIASTEREISOMERS)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
TEBUCONAZOLE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
THIABENDAZOLE	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
THIABENDAZOLE-5-HYDROXY	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
THIACLOPRID	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
TRIFLOXYSTROBIN	CEN Standard Method EN 15662	<0.05 mg/kg	< 30000 PPB
METOLACHLOR	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB
PYRETHRUM (TOTAL)	CEN Standard Method EN 15662	<0.05 mg/kg	< 10 PPB

NUTRITIONAL VALUE PER 100G / 100 ML - Pending Testing

ENERGY		N/A
FAT		N/A
Of which saturates		N/A
CARBOHYDRATE		N/A
Of which sugars		N/A
FIBER		N/A
PROTEIN		N/A
OTHER DATA		N/A
CHLORIDE		N/A
ASH		N/A
Determination of nutritional values	<input type="checkbox"/> By chemical analysis <input type="checkbox"/> By literature database	

DECLARATION OF ALLERGENS

ALLERGEN	INCLUDED IN FORMULA	POSSIBLE CONTAMINATION	SOURCE
NONE	<input type="checkbox"/>	<input type="checkbox"/>	



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Valuations to fluctuate based on additives (color, flavor, etc.).

SPECIAL NUTRITIONS	
Valuations may change based on additives	
Suitable for gluten-free	<input checked="" type="checkbox"/>
Suitable for lactose-free	<input checked="" type="checkbox"/>
Suitable for vegetarian	<input checked="" type="checkbox"/>
Suitable for vegan	<input checked="" type="checkbox"/>
Suitable for halal	<input type="checkbox"/>
Suitable for kosher	<input checked="" type="checkbox"/>
Notes	

**This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.*

Approved

Kaitlin Rhode, Lead Quality Technician
09/06/2019