

**General Information:**

Product Description:	Cannabidiol Isolate from 100% industrial hemp oil/extract.
Package Date:	09-18-19
Material Number:	990025
Descriptors:	Crystalline powder-like white in color. Without odor.
Country of Origin:	USA
Packing Materials:	High Density Polyethylene (HDPE) jug.

**Ingredient Statement:** CBD hemp oil powder/isolate.

**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, best kept at 0 to -20 degrees Celsius, protected from light and moisture.

Characteristic	TEST METHOD	SPECIFICATION	RESULT
Appearance	Visual	Pass	White powder*
Identification	TQ-311 Scientific method	Pass	Complies to Standard
Sensory	TQ-310 Organoleptic	Pass	Complies to standard

Potency			
Total Cannabinoids	TM14	99.98%	Target 99%
CBD	TM14	99.98%	Informative
THC	TM14	0%	Target < 0.30%

Microbiology				
Aerobic Plate Count	AHP Cannabis Inflorescence 2014	None Detected	≤ 10	000 cfu/g
E. coli	AHP Cannabis Inflorescence 2014	None Detected	None Detected	Negative/1g
Yeast & Mold	AHP Cannabis Inflorescence 2014	None Detected	None Detected	< 1000 cfu/g
Coliforms	AHP Cannabis Inflorescence 2014	None Detected	None Detected	< 100 cfu/g

Metals				
Inorganic Arsenic	ICP/MS USP<730>/ AOAC 993.14	Pass	< 10 ppm	as per AHP standards
Cadmium	ICP/MS USP<730>/ AOAC 993.14	Pass	< 4.1ppm	as per AHP standards
Lead	ICP/MS USP<730>/ AOAC 993.14	Pass	< 6 ppm	as per AHP standards
Methyl Mercury	ICP/MS USP<730>/ AOAC 993.14	Pass	< 2ppm	as per AHP standards

Solvents			
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 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

Pesticides	TEST METHOD	SPECIFICATION	RESULT
Abamectin	CEN Standard Method EN 15662	Pass	< 300 PPB as per AHP standards
Aldicarb	CEN Standard Method EN 15662	Pass	< 500 PPB
Aldicarb Sulfone (Aldoxycarb)	CEN Standard Method EN 15662	Pass	< 500 PPB
Aldicarb Sulfoxide	CEN Standard Method EN 15662	Pass	< 500 PPB
Azoxystrobin	CEN Standard Method EN 15662	Pass	< 40000 PPB
Bifenazate	CEN Standard Method EN 15662	Pass	< 5000 PPB
Bifenthrin	CEN Standard Method EN 15662	Pass	< 500 PPB
Carbaryl	CEN Standard Method EN 15662	Pass	< 25 PPB
Carbofuran	Cen Standard Method En 15662	Pass	< 10 Ppb
Carbofuan-3-Hydroxy	Cen Standard Method En 15662	Pass	< 10 Ppb
Chlorantranilprole	Cen Standard Method En 15662	Pass	< 10 Ppb
Chlordane, Cis-	Cen Standard Method En 15662	Pass	< 10 Ppb
Chlordane, Trans-	Cen Standard Method En 15662	Pass	< 10 Ppb
Chlorfenapyr	Cen Standard Method En 15662	Pass	< 1500 Ppb
Chlorpyrifos	Cen Standard Method En 15662	Pass	< 500 Ppb
Coumaphos	Cen Standard Method En 15662	Pass	< 10 Ppb
Cyfluthrin	Cen Standard Method En 15662	Pass	< 1000 Ppb
Cypermethim	Cen Standard Method En 15662	Pass	< 10 Ppb
Cyproconazole			
(2- Diastereoisomers)	Cen Standard Method En 15662	Pass	< 10 Ppb
Cyprodinil	Cen Standard Method En 15662	Pass	< 10 Ppb
Dichlorvos	Cen Standard Method En 15662	Pass	< 10 Ppb
Dipropetryn	Cen Standard Method En 15662	Pass	< 10 Ppb
Disulfoton	Cen Standard Method En 15662	Pass	< 10 Ppb
Endosulfan I			
(Alpha-Isomer)	Cen Standard Method En 15662	Pass	< 2500 Ppb
Endosulfan li			
(Beta-Isomer)	Cen Standard Method En 15662	Pass	< 2500 Ppb
Endosulfan Sulfate	Cen Standard Method En 15662	Pass	< 2500 Ppb
Epxiconazole	Cen Standard Method En 15662	Pass	< 10 Ppb
Ethiofencarb	Cen Standard Method En 15662	Pass	< 10 Ppb
Etofenprox	Cen Standard Method En 15662	Pass	< 10 Ppb
Etoxazole	Cen Standard Method En 15662	Pass	< 1500 Ppb
Fenoxycarb	Cen Standard Method En 15662	Pass	< 10 Ppb
Fenpropathrin	Cen Standard Method En 15662	Pass	< 10 Ppb
Fenvaleerate/Esfenvaler			
Ate (Sum Of Isomers)	Cen Standard Method En 15662	Pass	< 10 Ppb
Fipronil	Cen Standard Method En 15662	Pass	< 10 Ppb
Fipronil Desulfinyl	Cen Standard Method En 15662	Pass	< 10 Ppb
Fipronil Sulfone	Cen Standard Method En 15662	Pass	< 10 Ppb
Imazalil	Cen Standard Method En 15662	Pass	< 10 Ppb
Imidacloprid	Cen Standard Method En 15662	Pass	< 3000 Ppb
Malathion	Cen Standard Method En 15662	Pass	< 10 Ppb
Methiocarb	Cen Standard Method En 15662	Pass	< 10 Ppb
Methiocarb Sulfone	Cen Standard Method En 15662	Pass	< 10 Ppb
Methiocarb Sulfoxide	Cen Standard Method En 15662	Pass	< 10 Ppb
Methomyl	Cen Standard Method En 15662	Pass	< 25 Ppb
Mevinphos			
(E- And Z-Isomers)	Cen Standard Method En 15662	Pass	< 25 Ppb
Myclobutanil	Cen Standard Method En 15662	Pass	< 9000 Ppb
Naled (Dibrom)	Cen Standard Method En 15662	Pass	< 10 Ppb
Paclobutrazol	CEN Standard Method EN 15662	Pass	< 10 PPB
Permethrin			
(Sum of Isomers)	Cen Standard Method En 15662	Pass	< 10 Ppb
Propoxur	Cen Standard Method En 15662	Pass	< 10 Ppb

Spinetoram (Spinosyns J and L)	Cen Standard Method En 15662	Pass	< 10 Ppb
Spinosad (Spinosyns A and D)	Cen Standard Method En 15662	Pass	< 3000 Ppb
Spirodiclofen	Cen Standard Method En 15662	Pass	< 10 Ppb
Spiromesifen	Cen Standard Method En 15662	Pass	< 12000 Ppb
Spiromesifen Enol	Cen Standard Method En 15662	Pass	< 12000 Ppb
Spirotetramat	Cen Standard Method En 15662	Pass	< 13000 Ppb
Sprioxamine (2 Diastereoisomers)	Cen Standard Method En 15662	Pass	< 10 Ppb
Tebuconazole	Cen Standard Method En 15662	Pass	< 10 Ppb
Thiabendazole	Cen Standard Method En 15662	Pass	< 10 Ppb
Thiabendazole-5-Hydroxy	Cen Standard Method En 15662	Pass	< 10 Ppb
Thiacloprid	Cen Standard Method En 15662	Pass	< 10 Ppb
Trifloxystrobin	Cen Standard Method En 15662	Pass	< 30000 Ppb
Metolachlor	Cen Standard Method En 15662	Pass	< 10 Ppb
Pyrethrum (Total)	Cen Standard Method En 15662	Pass	< 10 Ppb

## Declaration of Allergens

ALLERGEN	INCLUDED IN FORMULA	POSSIBLE CONTAMINATION	SOURCE
NONE	-	-	
Valuations to fluctuate based on additives (color, flavor, etc.).			

## Special Nutritions

VALUATIONS MAY CHANGE BASED ON ADDITIVES

Suitable for gluten-free	X
Suitable for lactose-free	X
Suitable for vegetarian	X
Suitable for vegan	X
Suitable for halal	☐
Suitable for kosher	X

## NOTES

Halal certification dependent on 0.00% THC formulation.

\*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*

Kaitlin Rhode, Lead Quality Technician

10/09/2019