

ELIXINOL 4% CBD HEMP OIL, EX-213 (Raw and Decarbed)

Product description:	Supercritical CO2 extracted 100% industrial hemp oil from stem and stalk
Best By Date:	December 31, 2018
Country of Origin:	European Union
Storage/handling:	Keep Cool (room temperature <25° C/ 77° F), protected from light, excessive heat and moisture. Refrigeration recommended for optimal preservation.
Packaging:	High-density polyethylene (HDPE) plastic container

TESTS: ELIXINOL, EX-213

Appearance : Thin dark amber color, characteristic taste and smell

(Testing method: Visual inspection/Organoleptic)

Typical Active Cannabinoid Profile:

CBD	4.0%
THC	0% (Raw & Decarbed)

(Testing method: HPLC-DAD Sample results are tested by conventional Retention Time AND Spectral Analysis)

Density: 0.9573 g/ml

(Sample temperature: 25°C/77°F)

Residual Solvent Results:

Not applicable, no solvents used in CO2 extraction

(Testing method: Headspace gas chromatography)

Microbiological Results:

Aspergillus Fum.	0 cfu/g	Pass	Aspergillus Niger	0 cfu/g	Pass
E coli	0 cfu/g	Pass	Aspergillus Flavus	0 cfu/g	Pass
Salmonella spp.	0 cfu/g	Pass			

(Testing method: 3M Petrifilm and plate counts for microbiological contamination). Includes Salmonella

Pesticide Results:

Abamectin	ND	Acequinocyl	ND	Bifenazate	ND
Daminozide	ND	Fenoxycarb	ND	Imidacloprid	ND
Myclobutanil	ND	Paclbutrazol	ND	Pyrethrium	ND
Spinosad	ND	Spiromesifen	ND	Spirotetramat	ND

(Testing method: HPLC-Mass Spectrometry for 12 compounds including pesticides, fungicides, and plant growth regulators)

ND=None Detected

Most present Terpenes*

- Phytol
- Caryophyllene Oxide
- Beta Caryophyllene
- Nerolidol
- Myrcene

(Testing Method: GC-FID)

* RAW - Terpene Analysis available upon request

Approved: 01-12-16

Gabriel Ettenson

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ELIXINOL 4% CBD HEMP OIL, EX-213 (Raw and Decarbed)

Batch No: EX-213
 Product description: Supercritical CO2 extracted 100% industrial hemp oil from seed and stalk
 Best By Date: December 31, 2018
 Shelf life/Retest Date: 24 months from the date of manufacture
 Storage/handling: Keep cool (room temperature <25° C/ 77° F), protected from light, excessive heat and moisture. Refrigeration recommended for optimal preservation.
 Packaging: High-density polyethylene (HDPE) plastic container

TESTS: ELIXINOL, EX-213

Testing Frequency: Potency and Microbiological performed on each shipment from supplier. All tests performed on each new supplier identified batch.

PARAMETERS	STANDARD/LIMITS	RESULTS	METHOD	NOTES
Appearance	Characteristic	Complies	Visual inspection	Thin dark amber color
Odor/Flavor	Characteristic	Complies	Organoleptic	Earthy
Cannabinoids - CBD	NA	4%	HPLC	CBD + (CBDa x 87.5%)
Cannabinoids - THC	NA	0%	HPLC	
Metals – Arsenic (As)	1.5ppm	ND	TXRF	
Metals – Cadmium (Cd)	25.0ppm	ND	TXRF	
Metals – Mercury (Hg)	15ppm	ND	TXRF	
Metals – Lead (Pb)	5ppm	ND	TXRF	
Solvents	Not defined	Not applicable	Gas Chromatography	Co2 Extracted
Microb – Apergillus Flavum	<100 cfu/g	Pass	Petrefilm/Plate counts	
Microb – Salmonella spp.	Not Detectable	Pass	Petrefilm/Plate counts	
Microb – E coli	Not detectable	Pass	Petrefilm/Plate counts	
Microb – Aspergillus Nlger	<100 cfu/g	Pass	Petrefilm/Plate counts	Includes Salmonella
Microb – Aspergillus Fumigatus	<100 cfu/g	Pass	Petrefilm/Plate counts	
Pesticides/fungicides/growth regulators	Not detectable	Pass	HPLC – 12 compounds	Industrial Hemp



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