

## CoA Certificate of Analysis Organic Hemp Distillate in Organic Hemp Seed Oil (20%-w/w Cannabidiol)

**Product:** Organic Hemp Distillate 20% in Organic HSO  
**Commercial name:** Organic CBD Distillate 20% in Organic HSO  
**Description:** Cold pressed hemp oil from the hemp plant leaves.  
Hemp from the EU hemp variety catalogue.  
**Type:** Hemp oil from cannabis sativa L. (folium)  
**Appearance:** Deep green / black oil  
**Biomass country of origin:** Switzerland organic production  
**Organic reference:** BIO-CH-004  
**Product code:** 6 161 01F



**Lot:** EF22/052-12  
**Production date:** 01.12.2022  
**Data updated:** 02.12.2022  
**Exp date:** 30.11.2023  
**Packing:** Hermetic PP jars 1L food grade (CoC acc. to EG 1935/2004)  
**Storage:** Store in the original jars <25°C in a dry area protected from direct light at humidity.  
**Pages:** 1

**Certificate n.** 2342  
**Quantity:** 3 x 1L Bulk  
**Order:** CBD3040

### Analytical Report

Test	Result	Unit	Method	Acceptance criteria
<b>Appearance</b>	complies	n/a	Visual, internal	Deep green oil
<b>Foreign matter</b>	complies	n/a	Visual and metal detection	abs. of foreign matters
<b>Identification</b>	complies	n/a	HPLC Ph. Eur	complies with REF standard
<b>Cannabinoid assay</b>				
Total CBD/CBDA	20.1	%-w/w	HPLC-DAB monograph DTL 0.05%	Range 19.7 – 20.5% Non detectable n.d. <0.05%w/w informative informative < 0.05%
Total THC/THCA	n.d.	%-w/w		
CBC	0.05	%-w/w		
CBG	0.27	%-w/w		
CBN	<0.05	%-w/w		
<b>Aflatoxins*</b>				
Aflatoxin B <sub>1</sub>	n.d.	µg/kg	Ph. Eur. 2.8.18	NMT 2 µg/kg NMT 4 µg/kg
Sum of Aflatoxin B <sub>1</sub> B <sub>2</sub> G <sub>1</sub> G <sub>2</sub>	n.d.	µg/kg		
<b>Pesticides**</b>	n.d.	mg/kg	Ph. Eur List	Complies with Ph. Eu. List
<b>Heavy metals</b>				
Arsenic	n.d.	ppm	GC-MS IL	NMT 5.0 ppm NMT 1.0 ppm NMT 5.0 ppm NMT 0.1 ppm
Cadmium	n.d.	ppm		
Lead	n.d.	ppm		
Mercury	n.d.	ppm		
<b>Nutrients</b>				
Water content	<0.3	%-w/w	Karl Fischer	<2.0%
<b>Microbiology MB</b>				
Total aerobic microbial count	<1000	cfu/ml	Ph.Eur.(2.6.12) current ed.	NMT 10 <sup>3</sup> cfu/ml
Total combined yeast/mould	<100	cfu/ml	Ph.Eur.(2.6.12) current ed.	NMT 10 <sup>2</sup> cfu/ml
Bile-tolerant gram-negative-bacteria	<100	cfu/ml	Ph.Eur.(2.6.13) current ed.	NMT 102 cfu/ml
Escherichie coli	negative	/10ml	Ph.Eur.(2.6.13) current ed.	absent 10ml
Salmonella	negative	/10ml	Ph.Eur.(2.6.31) current ed.	absent 10ml