

PRODUCT NAME: Cannabidiol (CBD) 98%+		COA N°: 0114	
PRESENTATION:	HDPE jar x 1kg	MANUFACTURING DATE	28-July- 20
PRODUCT LOT N°	2030004	ANALYSIS DATE	18-August- 20
DESCRIPTION:	white to yellowish powder	RETEST	28-July- 21
SUPPLIER	<input type="text"/>	COUNTRY	<input type="text"/>

TEST	SPECIFICATIONS	RESULT
Appearance	Crystalline powder	Conform
Colour	White to yellowish	Conform
Smell	Odorless	Conform
Water by Karl Fischer	≤0.5 %	0.36 %
Water solubility	Non soluble in water	Conform
Organic solvent solubility	Organic solvents non polar	Conform
IDENTITY / ASSAY		
Cannabidiol (CBD) by Cristalography	68.0 °C Melting Point / 100% Purity	69.2°C / 101.8
PURITY / ASSAY		
Cannabidiol (CBD) (%)	98.0% - 102.0%	101.7 %
RELATED SUBSTANCES		
□ ⁹ THC	ABSENCE	Not detectable
CBN	ABSENCE	Not detectable
CBDA	ABSENCE	Not detectable
RESIDUAL SOLVENTS		
Residual Solvents	Conform with the monograph <467> USP 40	Conform

MICROBIOLOGICAL		
Total count of aerobic microorganisms	<100 ufc/g - cfu/g (1x10 ²)	<10
Fungus and yeast	<100 ufc/g - cfu/g (1x10 ²)	<10
<i>E. coli</i>	Absent	Conform
<i>Salmonella spp.</i>	Absent	Conform
<i>P. Aeruginosa</i>	Absent	Conform
<i>S. aureus</i>	Absent	Conform
AFLATOXINS		
Total Aflatoxins	Aflatoxin B1 < 2µg/kg Sum of Aflatoxin B1, B2, G1, G2, < 4 µg/kg	Conform
HEAVY METALS		
Arsenic (As) total	< 1.5 ppm Ph. Eur. 2.4.27	Not detectable
Cadmium (Cd)	< 0.5 ppm Ph. Eur. 2.4.27	Not detectable
Lead (Pb)	< 0.5 ppm Ph. Eur. 2.4.27	0.0505 ppm
Mercury (Hg) total	< 0.5 ppm Ph. Eur. 2.4.27	0.0018 ppm
PESTICIDES		
Pesticides	Ph. Eur 2.8.3	Conform

Approved: **YES**

Monroy

Not Approved:

Technical Direction

Date August 18, 2020