

Product	Cannabidiol	Analysis N°	591/20E
Product lot N°	P54/169/010 "in compliance to the uses allowed by law"	Manufacturing Date	January 20, 2020
Formula	C₂₁H₃₀O₂ MW 314.5		
Description:	White-yellowish powder	Analysis Date	January 21, 2020

Test	Results	Prescribed Limits
Identification (NMR)	Positive	Positive
Purity (HPLC) CBD	99.7 %	≥ 98.0 %
Related substances (area%)		
CBDV	0.17 %	≤ 1.5 %
CBDA	n.d. %	≤ 1.5 %
CBG	n.d. %	≤ 1.5 %
CBN	n.d. %	≤ 1.5 %
THC	0.01 %	≤ 0.10 %
Water content (KF)	0.1 %	≤ 1.0 %
Specific Rotation	-132 °	- 135.0° ± 5.0°
Melting Point	67.8 ÷ 68.2 °	66.0 ± 3.0°C
Sulphated ash	0.05 %	≤ 0.30%
Heavy Metal		
Arsenic	n.d. ppm	≤ 1.5 ppm
Cadmium	n.d. ppm	≤ 0.5 ppm
Lead	n.d. ppm	≤ 0.5 ppm
Mercury	n.d. ppm	≤ 3.0 ppm
Microbiology		
TAMC	< 25 cfu/g	≤ 3000 cfu/g
TYMC	< 25 cfu/g	≤ 100 cfu/g
Salmonella sp	Absent cfu/25g	Absent/ 25 g
E. coli	Absent cfu/10g	Absent/ 10 g
P. aeruginosa	Absent cfu/g	Absent/g
Staphylococci coagulase positive	Absent cfu/g	Absent /g

Shelf life: 24 months from the manufacturing date

Approved 

Not Approved

CQ Manager



Date: February 14, 2020