



CERTIFICATE OF TESTING

Product Name	Cannabidiolic acid, 98 %
Product Code	SN38I
Batch Number	SN3I221001
CAS Number	1244-58-2
Molecular formula	C ₂₂ H ₃₀ O ₄
Molecular Weight	358.5 g/mol
Date of Analysis	27/10/2022
Date of Manufacture	27/10/2022
Storage conditions	-20 °C ± 5 °C, store in a cool, dry place, away from light and air
Expiry (re-test) date	10/2023

ASSAY	ACCEPTANCE CRITERIA	LOQ	RESULT
Appearance	White to yellowish	N/A	White
Appearance (form at RT)	Powder	N/A	Conforms
Cannabinoids (HPLC, 228 nm)			
- CBC	N/A	0.17 %	ND
- CBD	N/A	0.17 %	ND
- CBDA	≥ 98.00 %	0.17 %	98.94 %
- CBGA	N/A	0.17 %	ND
- CBDV	N/A	0.17 %	ND
- CBG	N/A	0.17 %	ND
- CBN	N/A	0.17 %	ND
- THCV	N/A	0.17 %	ND

N/A – Not Applicable

ND – Not Detected

Approved by:



Chemist Analyst
2022-10-27
Date, signature

Head of Quality
2022-10-27
Date, signature

SPECIFICATION

Name of material	Cannabidiolic acid, 98 %
Product ID / SKU	SN381
Origin	Synthetic
Purity	≥ 98 %
CAS	1244-58-2
Appearance	Crystalline powder
Solubility	Not soluble in water. Soluble in oils and organic solvents
Color	White to yellowish
Long-term storage conditions	5 ± 20 °C, store in a cool, dry place, away from light and air
Packaging	HDPE container, aluminium container
Shelf life	12 months after production, in unopened original packaging maintained under correct storage conditions.

Material image reference



	ANALYSIS	ACCEPTANCE CRITERIA
Cannabinoid profile (HPLC, 228 nm)	Cannabidiolic acid (CBDA)	≥ 98.0 %
	Δ8-THC	Not detected
	Δ9-THC	Not detected
Residual Solvents	∑ Acetone, 1-butanol, 2-butanol, butyl acetate, diethyl ether, ethanol, ethyl acetate, ethyl methyl ketone, methyl acetate, pentane, propan-2-ol, 1-propanol, heptane	≤ 5000 ppm
	Methanol	≤ 3000 ppm
	Acetonitrile	≤ 410 ppm
	Dichloromethane	≤ 600 ppm
	n-hexane	≤ 290 ppm
Heavy metals	Arsenic (As)	< 0.1 ppm
	Cadmium (Cd)	< 0.1 ppm
	Lead (Pb)	< 0.1 ppm
	Mercury (Hg)	< 0.01 ppm
Microbiology	TAMC	≤ 2000 CFU/g
	TYMC	≤ 200 CFU/g
	Bile-tolerant gram-negative bacteria	Absent
	<i>Candida albicans</i>	Absent
	<i>Pseudomonas aeruginosa</i>	Absent
	<i>Staphylococcus aureus</i>	Absent
	<i>Salmonella</i> spp.	Absent
<i>Escherichia coli</i>	Absent	