

SPECIFICATION

Name of material	Cannabichromene, CBC
Product ID / SKU	SN02I
Origin	Synthetic
Purity	≥ 98 %
CAS	20675-51-8
Appearance (form at RT)	Liquid
Solubility	Not soluble in water. Soluble in oils and organic solvents
Color	Yellowish to dark amber
Long-term storage	-20 ± 5 °C, store in a cool, dry place, away from light
Packaging	Amber glass container
Shelf life	6 months after production, in unopened original packaging maintained under correct storage conditions.

Material image reference



	ANALYSIS	ACCEPTANCE CRITERIA
Cannabinoid profile (HPLC at 228 nm and LCMS)	Cannabichromene (CBC)	≥ 98.0 %
	delta-8-Tetrahydrocannabinol (Δ8-THC)	≤ 0.05 %
	delta-9-Tetrahydrocannabinol (Δ9-THC)	≤ 0.05 %
Proton NMR spectrum	Proton NMR spectrum	Conforms
Residual Solvents	∑ Acetone, butyl acetate, ethanol, ethyl acetate, ethyl methyl ketone, methyl acetate, pentane, propan-2-ol	≤ 5000 ppm
	Methanol	≤ 3000 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
Mycotoxins	Aflatoxin B1	≤ 2 µg/kg
	Aflatoxin sum	≤ 4 µg/kg
	Ochratoxin A	≤ 2 µg/kg
Pesticides (N=648)	Pesticide residues	< 0.01 mg/kg
Microbiology	Total aerobic microbial count (TAMC)	≤ 2000 CFU/g
	Total yeast/mold count (TYMC)	≤ 200 CFU/g
	Bile-tolerant gram-negative bacteria	Absent/ 1 g
	Salmonella spp.	Absent/ 25 g
	Escherichia coli	Absent/ 1 g