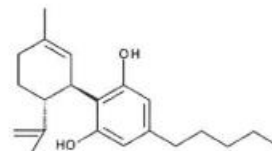


CERTIFICATE OF TESTING



Product Name Broad spectrum CBD, 50% crystal resistant
Product Code SN10D
Batch Number SN10D220906
Date of Analysis 20/09/2022
Date of Manufacture 19/09/2022
Storage conditions 20 °C ± 5 °C
Expiry (re-test) date 09/2023

ASSAY	ACCEPTANCE CRITERIA	RESULT
Appearance (colour)	Amber to dark green	Amber
Appearance (form at RT)	Liquid	Conforms
Cannabinoids (HPLC)		
- CBC	1.00 – 1.50 %	1.02 %
- CBD	50.00 – 53.00 %	50.23 %
- CBDV	N/A	ND
- CBG	2.00 – 3.00 %	2.09 %
- CBN	2.00 – 3.00 %	2.14 %
- THCV	N/A	ND
- Δ8-THC	ND	ND
- Δ9-THC	ND	ND

N/A – Not Applicable
ND – Not Detected

Approved by:

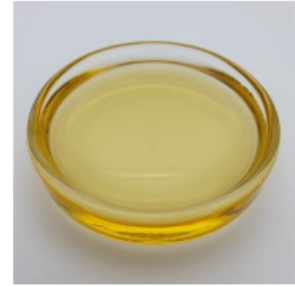
Quality Control Analyst
20/09/2022
[Signature]
Date, signature

Head of Quality
20/09/2022
[Signature]
Date, signature

SPECIFICATION

Name of material	Broad spectrum CBD, 50% crystal resistant
Product ID / SKU	SN10D
Purity	50 – 53 %
Appearance	Oil
Solubility	Not soluble in water. Soluble in oils and organic solvents
Color	Greenish to yellowish
Long-term storage conditions	20 ± 5 °C, store in a cool, dry place, away from light and air
Packaging	Amber glass container, aluminum 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)	Cannabidiol (CBD)	50 – 53 %
	delta-8-Tetrahydrocannabinol (Δ^8 -THC)	≤ 0.05 %
	delta-9-Tetrahydrocannabinol (Δ^9 -THC)	≤ 0.05 %
	Cannabigerol (CBG)	1 – 2.5 %
	Cannabinol (CBN)	1 – 2.5 %
	Cannabichromene (CBC)	1 – 2.5 %
Residual Solvents¹	∑ Acetone, ethanol	≤ 5000 ppm
	Methanol	≤ 3000 ppm
	n-hexane	≤ 290 ppm
Heavy metals¹	Arsenic (As)	< 0.1 ppm
	Cadmium (Cd)	< 0.1 ppm
	Lead (Pb)	< 0.1 ppm
	Mercury (Hg)	< 0.01 ppm
Pesticide¹	Pesticide residues	0.01 mg/kg
Mycotoxins¹	Aflatoxin B1	≤ 2 µg/kg
	Aflatoxin sum	≤ 4 µg/kg
Dioxins, dl PCBs, ndl PCBs¹	WHO-PCDD/F-TEQ	< 0.75 pg/g
	WHO-PCDD/F-PCB-TEQ	< 1.25 pg/g
	Sum ndl-PCBs (ICES-6)	< 60 ng/g
Polycyclic Aromatic Hydrocarbons (PAHs)¹	Benzo(a)pyrene	< 2.0 µg/kg
	Sum PAH4	< 10.0 µg/kg
Microbiology¹	Total aerobic microbial count (TAMC)	≤ 100 CFU/g
	Total yeast/mold count (TYMC)	≤ 100 CFU/g
	<i>Escherichia coli</i>	Absent/ 1 g

¹ – testing available upon request.

