



PRODUCT SPECIFICATION SHEET

NANO CBD 10% THC FREE WATER SOLUBLE

Product Name

Nano CBD 10% THC FREE WATER SOLUBLE

Product Code

NCBD10

Shelf Life

18 Months when protected from light and heat.

Botanical Source

Industrial Hemp, grown and processed in the USA.

Product Description

This product is Nano sized hemp based CBD. The CBD is sourced from USA sources and is isolated through CO₂ extraction and crystal precipitation.

Additional Information

Nano technology is a cutting edge production method that allows traditional CBD, which is less than 6% bioavailable, to be easily absorbed completely into the blood stream via the oral mucosa.

Complete ingredient breakdown

Ingredient	%
Water	73
MCT Oil	10
CBD	10
Phospholipids	5
Stabilizers	2

Product/Microbial Specs

Identification/color	White to off white	Pass	Visual
Odor	Mild	Pass	Organoleptic
Texture	Smooth/oily	pass	Organoleptic
Coliforms	<100 CFU/g	Negative	Soleris AOAC 991.14
Salmonella	Negative CFU/g	Negative	Soleris AOAC 991.14
E. Coli	Negative CFU/g	Negative	Soleris AOAC 991.14
TPC	<10,000 CFU/g	140 CFU/g	Soleris AOAC 991.14



Cannabinoid Analysis

IDENTIFICATION	METHOD	SPECIFICATION
Cannabinoid	HPLC-DAD	%wt/wt
Cannabidiolic Acid (CBDA)	HPLC-DAD	As Reported
Cannabidiol (CBD)	HPLC-DAD	9.8 – 11.0%
Cannabidiol (CBD)**	Convergence Chromatography	9.8 – 11.0%
Cannabidivarin (CBDV)	HPLC-DAD	As Reported
Tetrahydrocannabinolic Acid (THCA)	HPLC-DAD	N/D
Δ -9-Tetrahydrocannabinol (Δ -9-THC)	HPLC-DAD	N/D
Cannabinol (CBN)	HPLC-DAD	As Reported
Cannabichromene (CBC)	HPLC-DAD	As Reported

Heavy Metal Analysis

IDENTIFICATION	METHOD	SPECIFICATION
Arsenic	ICP-MS	<0.2 mg/kg (ppm)
Cadmium	ICP-MS	<0.2 mg/kg (ppm)
Mercury	ICP-MS	<0.1 mg/kg (ppm)
Lead	ICP-MS	<0.5 mg/kg (ppm)

Pesticide Analysis

IDENTIFICATION	METHOD	SPECIFICATION
Multi Residue Pesticide Analysis	JASBC 69(3):121-126, 2011	<0.1 mg/kg (ppb)

Residual Solvent Analysis

IDENTIFICATION	METHOD	SPECIFICATION
Hexanes	GC/MS HEADSPACE	<290 ppm
Acetone	GC/MS HEADSPACE	<5,000 ppm
Ethanol	GC/MS HEADSPACE	<5,000 ppm
Methanol	GC/MS HEADSPACE	<3,000 ppm
Isopropyl Alcohol	GC/MS HEADSPACE	<5,000 ppm