

WATER SOLUBLE CANNABINOIDS - POWDER

Experience the best water soluble cannabinoids on the planet, exclusively at Le Herbe. This artisan powder is a food science innovation, handcrafted for the smart consumer, and included in our sun grown hemp collection. Cannabinoid powder is suitable for flavor applications where whole plant (CBD + CBG + CBN + CBC, etc.), water solubility, nano-emulsion, entourage effect, fast acting onset effect, predictable offset effect, increased bioavailability, amorphous particles (non-crystalline solid), and low calories are desired characteristics. It may be useful in food and beverage applications where a clean nutritional label is required.



CHEMICAL & PHYSICAL PROPERTIES

	Min.	Max.
pH	4.5	6.5
Moisture %	-	3.0
Water Activity	-	0.4
Bioavailability %	-	78.4
Onset, min	5	10
Offset, hrs	1	3

SENSORY DATA

Color	White to off white
Form	Powder, free-flowing
Flavor	No detectable flavor
Odor	No detectable odor

MICROBIOLOGICAL LIMITS

		Result
Aspergillus, cfu/g	-	Absence
E. Coli, cfu/g	-	Absence
Salmonella, cfu/g	-	Absence
Listeria Monocytogenes, cfu/g	-	Absence

HEAVY METALS & MYCOTOXINS LIMITS

Arsenic, Cadmium, Lead, Mercury	-	< LOQ
Aflatoxin B1 & G1, Ochratoxin A	-	< LOQ

PESTICIDE & SOLVENT LIMITS

California (MAUCRSA)	-	Passed
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SCANNING ELECTRON MICROSCOPY (SEM)

	Min	Max
Dry Powder, µm	2	10

DYNAMIC LIGHT SCATTERING (DLS)

	Min	Max
Resuspended Nano-Emulsion, nm	-	150

NUTRITIONAL DATA / 100g

	Typical
Energy, kcal	389.13
Total Fat, g	2.94
Saturated Fat, g	0.42
Trans Fat, g	0.00
Poly-Unsaturated Fat, g	1.68
Mono-Unsaturated Fat, g	0.84
Cholesterol, mg	0.00
Sodium, g	5.98
Total Carbohydrate, g	181.02
Dietary Fiber, g	0.00
Total Sugars, g	77.87
Protein, g	0.06
Hemp Extract, mg	3928.45

Ingredients: Sunflower Lecithin, Hemp Extract, Citric Acid, Salt, Natural Flavor

CANNABINOID & TERPENOID DATA

	Min.	Max.
CBD %	60	90
CBDA %	-	1
CBG %	-	10
CBGA %	-	1
CBC %	-	10
CBN %	-	10
delta 10-THC %	-	1
delta 9-THC %	-	0.3
delta 8-THC %	-	1

* Proprietary Formulation

FEATURES & BENEFITS

- No GMOs
- Safe & Effective
- No Synthetics
- Fast Acting
- No Gluten
- Water Soluble Powder
- No Alcohol
- Whole Plant (Full Spectrum)
- No Allergens
- Entourage Effect
- No Artificial Preservatives
- Flavorless & Odorless
- No Artificial Sweeteners
- Nano-Emulsion
- No Artificial Flavor or Color
- World's Most Bioavailable
- No Dairy, Soy, or MSG
- Food Science
- No Glycerin, PG, or PEG
- Smart Consumer

TYPICAL USAGE

1 - 3 servings per day. 1 serving = 1 packet (0.25g)

PREPARATION INSTRUCTIONS

Can be used dry or rehydrated in water (non-alcoholic)

SOLUBILITY

Complete dispersion or dissolution should be accomplished within a few seconds in warm water and in about 30 - 60 seconds in cold water

PACKAGING

BoPET / Mylar single serving packet or Plastic / BPA-Free bulk jar with DRI-CARD™. Tamper evident features.

STORAGE

Keep packet (unopened) and jar / lid (closed). Dark, dry, low humidity and cool temperature (50 - 75 °F / 10 - 24 °C)

SHIPPING & HANDLING

Temperature not to exceed 100 °F or 38 °C, for consecutive days

SHELF LIFE

1 year shelf life from date of production under recommended storage, shipping, and handling conditions

CODING

Code date on product label indicates production date (plus 1 year for expiration date), line number, and blend batch used. For example, DEC0121 H20100, packaged on December 01, 2020 with an expiration date plus 1 year, industry type, and batch #H20100 used for product

ALLERGEN STATUS

In accordance with the 2004 Food Allergen Labeling and Consumer Protection Act (FALCPA), no allergen declarations are required

LEGAL & REGULATORY DATA

Country of Origin:

- United States

Labeling:

- Hemp Oil

Product Name:

- Water Soluble Cannabinoids - Whole Plant (aka Nano Cannabinoids)

Produced & Marketed by:

- Le Herbe, LLC.

Status:

- USA: Farm Bill Act of 2018
- Additional countries worldwide: (please inquire)

*** These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.**

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Next Review Date: June 01, 2021

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