



JD Hydro Boost™

A natural “Biome-friendly” Polysaccharide for anti-aging active beauty. JD Hydro Boost™ is an innovative edible fiber sourced from sugar cane for maximum robust and consistency, featuring unique anti-aging properties.

JD Hydro Boost™ provides a deep moisturization effect, aiding in the repair of skin cells, reduction of wrinkles, and balancing of skin microbiome. The fiber is perfect for leave-on applications – face/body creams, gels, masks, ampoules, patches – as well as rinse-off solutions, including dry scalp shampoos or moisturizing body washes.

JD Hydro Boost™ consists of 80% low molecular weight (average 700 Da) oligosaccharides, and 20% high molecular weight (average 1000 kDa) polysaccharides. Repeated clinical and ex-vivo studies have demonstrated the fiber’s ability to penetrate the upper epidermal layers of the skin, promoting the activation of Extra-Cellular-Matrix mechanism, reformation, and secretion of Collagen-1.

CLAIMS

JD Hydro Boost™ based formulations shows:

- Promotes Pro -Collagen-1 secretion and increases Extra-Cellular-Matrix remodeling
- Promotes skin rejuvenation by accelerating epidermal turnover
- Anti-aging agent - reduces wrinkles and provides a vital skin appearance
- Film-former for smooth skin appearance
- Humectant - Deeply moisturizes
- Shows “biome-friendly” properties

KEY BENEFITS



Natural, vegan
and gluten-free



Contains Omega 9
and Vitamin E



Shelf life of
24 month



Safe to use for
all skin types

SPECIFICATIONS

	GRADE		
	JD HYDRO BOOST™ PS	JD HYDRO BOOST™	JD HYDRO BOOST™ DRY
INCI	Aqua/Levan;Fructan/ Glucose/Fructose/ Sucrose/ Sodium Citrate/ Potassium Citrate/Citric Acid/Potassium Sorbate	Aqua/Levan;Fructan/ Glucose/Fructose/ Sucrose/ Sodium Citrate/ Potassium Citrate/ Citric Acid	Levan;Fructan/Glucose/ Fructose/ Sucrose/ Sodium Citrate/ Potassium Citrate/ Citric Acid
CAS Number	9013-95-0/50-99-7/57-48- 7/57-50-1/68-04-2/866-84- 2/77-92-9/24634-61-5	9013-95-0/50-99-7/57-48- 7/57-50-1/68-04-2/ 866-84-2/77-92-9	9013-95-0/50-99-7/ 57-48-7/57-50-1/68-04-2/ 866-84-2/77-92-9
Recommended Concentration	1.6%	1.6%	1.0%
Active Concentration	27-40%	27-40%	48-62%
NOI according to ISO16128-1	0.97	0.97	0.94
Shelf life	24 months at 25°C, 36 months at <7°C	24 months at 25°C, 36 months at <7°C	36 months at 25°C
Packaging	5 kg, 25 kg	25 kg	1 kg

Applications:

Skin Care, Face Care, Sun Care, Color Cosmetics
For Active Beauty, Aging-Well & Vitality

FORMULAS

JD HYDRO BOOST™ CREAM

PHASE	MATERIAL NAME	INCI NAME	%
A	Demineralized water	Aqua (water)	To 100%
	Microcare SB	Aqua (water)/Sodium Benzoate/Potassium Sorbate	1
	Carbopol Ultrez 20	Carbomer	0.3
B	Demineralized water	Aqua (water)	1
	Sodium Hydroxide	Sodium Hydroxide	0.09
C	Emulium Delta	Cetyl Alcohol/Glyceryl Stearate/PEG-75 Stearate/Ceteth 20/Steareth-20	5
	Radiamulus MCT 2106	Caprylic/Capric Triglycerides	5
	White Beeswax	Cera Alba	3
D	JD Hydro Boost™ PS	Levan/aqua/Fructose/Glucose/Sucrose/Sodium Citrate/Citric Acid/Potassium Hydroxide/Potassium Sorbate	1.6

Note: Seller makes no warranty of any kind, express or implied, concerning the use of this product in any application. User assumes all risk of use, storage, or handling, whether in accordance with directions or not.

Please note: Analysis are made by an Independent ISO/IEC 17025:2005 certified laboratory, from samples taken from each batch being processed. Production in accordance with ISO 9001:2015, HACCP & FSSC 22000.

Shelf Life: 24 months from production date when kept in original unopened container, away from direct sunlight and excessive heat or cold.

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For further information, please contact JD at contacts@jojobadesert.com

