

Technical Data Sheet



ORGANIC GOJI BERRY POWDER (FREEZE-DRIED)

PRODUCT INFORMATION

BOTANICAL NAME	Lycium Barbarum
COUNTRY OF ORIGIN	China
HARMONIZATION CODE	5538 Gojibär pulver eko
BRIEF DESCRIPTION	<p>Our Goji berry powder comes from the "Goji Belt", China, which is the most conducive place for Goji berries to grow, mainly because its soil is alkaline as well as very fertile. Here the temperatures vary from one extreme to another and that results in the best and largest Goji berries. The freeze-drying process allows to produce a high-quality goji powder, which retains all the valuable nutrients found in the goji berry.</p> <p>Organic Goji Berry powder is certified organic by the Soil Association under the code GB-ORG-05.</p>
INGREDIENTS	100% Goji Berry
SUGGESTED USE	5g per day. Please consult your doctor before taking any nutrient-dense products.
PRODUCTION PROCESS	Washing → Freeze Drying → Sublimation → Grinding → Packing
PACKAGING	5kg LDPE bag
SHELF LIFE & STORAGE	18 months from date of manufacture. Store in cool, dry place.

NUTRITIONAL INFORMATION

	Per 100g	Unit
Energy	1523/358	kJ/kcal
Protein	14.9	g
Carbohydrate	63.6	g
of which sugars	51.3	g
Fat	2.7	g
of which saturates	0.18	g
Fibre	10.7	g
Salt	0.825	g

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NUTRITIONAL INFORMATION

	Per 100g	Unit
Vitamin C	20	mg
Potassium	1130	mg
Calcium	48	mg

APPROVED HEALTH BENEFITS *

Micronutrients in Goji Berry Powder contribute to:

- ✓ Iron absorption & metabolism
- ✓ Normal muscle function
- ✓ Improvement of skin health
- ✓ Regeneration of the reduced form of vitamin E
- ✓ Normal function of cartilage
- ✓ Immune system support
- ✓ Normal psychological function
- ✓ Protection of cells from oxidative stress
- ✓ Maintenance of normal blood pressure
- ✓ Healthy blood vessels
- ✓ Maintenance of bones and teeth
- ✓ Healthy gums
- ✓ Nervous system support
- ✓ Energy-yielding metabolism
- ✓ Reduction of tiredness and fatigue

** These approved health benefits are based on the detailed nutritional composition of the product we supply. These health benefits may not be applicable to similar products from other suppliers*

ALLERGEN STATEMENT

We hereby certify that Organic Goji Berry Powder sold by NKK does not contain any substances causing allergies or intolerances as ingredients or by possibility of cross contamination. The list of allergens which are likely to cause adverse reactions in susceptible individuals is provided in Annex IIIa of Directive 2007/68/EC. Please note that this statement is based on the information provided by the manufacturer of the product.

AUTHENTICITY

Organic Goji Berry Powder is 100% natural and does not contain any additives such as sugars, acids, colorants, preservatives, etc.

GMO FREE

Organic Goji Berry Powder is not subject to genetic modifications. Process controls are in place to ensure no accidental contamination with genetically modified materials, or materials derived thereafter, can occur. We hereby certify that Organic Goji Berry Powder is not subject to labeling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

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PESTICIDES

Organic Goji Berry Powder comply with the requirements outlined in Council Regulation (EC) No. 834/2007 (and consecutive amendments). It also complies with Soil Association strict organic farming standards. During the manufacturing process the product and the packaging materials are not exposed to pesticides or pesticide residues. Pesticides are not stored on site, nor used in the manufacturing or warehousing areas.

IRRADIATION

The product has not been irradiated and complies with the EU regulation 1999/3/EC.

BSE STATEMENT

Organic Goji Berry Powder is produced exclusively from plant source, and does not contain any components from animal origin. It has not been derived from any animal source, and has not come into contact with any components of animal origin.

RESIDUAL SOLVENTS

No residual solvents are used in the manufacturing process.

LEVEL OF UNDESIRABLE SUBSTANCES

The strictly controlled production process of Organic Goji Berry Powder ensures that the undesirable substances levels (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (Commission regulation No 2073/2005, No 1881/2006 and consecutive amendments), including the recommendations provided by EFSA on food contaminants.

ANIMAL TESTING STATEMENT

NKK confirms that we do not conduct or commission animal testing of any products.

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Product Specification



GENERAL PRODUCT INFORMATION

Product Name	Organic Goji Berry Powder
Scientific Name	Lycium barbaric
Ingredients	100% Goji Berry
Intended Use	Ready to Eat or as an Ingredient

ORGANOLEPTIC PROPERTIES

Appearance/Texture	Free flowing, fine powder
Flavour	Characteristic
Aroma	Characteristic
Colour	Orange/Red

PHYSICAL CHARACTERISTICS

Mesh	<500
Foreign Materials	Absent
Solubility	N/A
Density	N/A

CHEMICAL CHARACTERISTICS

Moisture	Max. 13.5%
Ash	Max. 6%
Water Activity	N/A

UNDESIRABLE SUBSTANCES

Pesticides	According to Regulation (EC) No 834/2007, 889/2008, BNN Guidelines, and EU Pesticide Database.
Heavy Metals (lead, cadmium, mercury, tin, arsenic)	According to Regulation (EC) No 1881/2006 and 629/2008.
Mycotoxins (aflatoxins, ochratoxin A, patulin)	According to Regulation (EC) No 1881/2006.
Nitrates	According to Regulation (EC) No 1881/2006.
Polycyclic Aromatic Hydrocarbons (PAH)	According to Regulation (EU) No 2015/1933

MICROBIOLOGICAL CHARACTERISTICS

Name	Limit	UoM
Plate Count	≤1000000	cfu/g
Yeast	≤10000	cfu/g
Mold	≤10000	cfu/g
E. Coli	≤100	cfu/g
Salmonella	Not Detected	/25g
Bacillus Cereus	≤10000	cfu/g
Listeria	Not Detected	/25g
Clostridium Perfringens	≤10000	cfu/g
Staphylococcus Aureus	≤10000	cfu/g
Enterobacteriaceae	≤10000	cfu/g



PACKAGING

Direct Contact Packaging Food Grade Bag
Indirect Contact Packaging Cardboard Box

The packaging is in accordance with the EU Legislation:

- Council Directive on Packaging and Packaging Waste 94/62/EC and its consecutive amendments.
- Commission Regulation (EC) No 1935/2004 on Materials and Articles Intended to Come into Contact with Food and its consecutive amendments.
- Commission Regulation (EU) No 10/2011 on Plastic Materials and Articles Intended to Come into Contact with Food and its consecutive amendments.

The information provided in this document is compliant with relevant EU legislation, and is accurate to the best of our knowledge.

