

FERMENTLIFE TURMERIC POWDER

Technical Data Sheet

Product name:	Fermentlife Turmeric
Description:	Fermented turmeric root with multiple health relevant ingredients and functional properties.
Ingredients:	100% Curcuma longa from organic cultivation; fermented with different Lactobacillus strains
Part of the plant used:	Root (Rhizome)
Country of origin:	India
Country of fermentation:	Germany
Suggested applications:	Functional food, supplements, and food

SHORT DESCRIPTION

The powder product is the result of large-scale fermentation aimed to realize an extended spectrum of health effects as well as a unique sensory characteristic.

Sensory and Physical Characteristics:

Parameters	Specification
Color	Bright yellow to orange powder
Consistence	Fine powder
Odour	Species typical, fruity, slightly acidic
Flavour	Species typical, additional flavors typical for fermented products, slightly acidic
Bulk density	500 - 550 kg / m ³
Dry matter	> 90 %

Nutrients profile

Parameters per 100 g	Specification
Energy	1.433 kJ / 337 kcal per 100 g
Total fat	0.4 – 0.8 g / 100 g
of which saturated fatty acids	0,1 – 0,3 g / 100 g
Carbohydrates	70 - 80 g / 100 g
thereof sugar	10 - 12 g / 100 g
Protein	9.0 - 10 g / 100 g
Sodium	0.2 – 0,4 g / 100 g

Ingredients profile

Parameters per 100 g	Specification
Organic acids	> 30 g / kg
Curcuminoids	25.000 mg / kg

Microbiological Analysis:

Parameters	Specification
Total plate count	< 1.000 cfu / g
Yeast/Mould	< 200 cfu / g
Coliforms (detection limit < 10)	< 10 cfu / g
Salmonella	not detectable / 25 g
E-coli (detection limit < 10)	not detectable
Bacillus cereus (detection limit < 100)	not detectable
Enterobacteriaceae (detection limit < 100)	< 100 cfu / g

Food Safety & Regulation

Organic Statement	Product is organic certified: DE-ÖKO-006. We provide Certificate pursuant to Article 35(1) of Regulation (EU) 2018/848 on organic production and labelling for organic products.
Food Safety	Does not meet the criteria article 31 of Reg (EC) 1907/2006 and its amendments – no mandatory material safety data sheet
Pesticides (on raw material)	In accordance with European regulation (EC) N°310/2011 and N°839/2008
Heavy Metals (Pb, Cd, Hg, As); PAH	In accordance with European regulation (EC) 629/2008, 1881/2006, 78/2005
GMO status	Non GMO according to regulations (EC) 1829/2003 and 1830/2003
Allergen declaration	Does not contain allergen according to directive 1169/2011/EC
Ionization treatment	Non ionized / non irradiated product according to directives 1999/2/EC and 1999/3/EC

Packaging

25 kg bag (customized solutions possible)

Shelf life

24 months under the specified storage conditions and in its original packaging

Storage

Store preferably in original packaging in a cool, dry place protected from light