



**Technical Data Sheet**

**Karotte P.E. 10% Beta Carotin**  
**Carrot P.E. 10% beta carotene**

**PRODUCT INFORMATION**

Name	Beta carotene containing powder extract from carrot
Botanical name	Daucus Carota Sativa
Part Used	Root
Origin	China
Extraction solvent	Ethanol & Water
Daucus Carota Sativa Extract	Approx 90%
Carrier Maltodextrin	Approx 10 %

ITEM	SPECIFICATION	METHOD	
Assay Beta Carotene	10% Max	HPLC	partly added.
Appearance*	Brown Red Fine Powder	Visual	
Odor & Taste	Characteristic		
Identification	Positiv		
Sieve analysis	100% through 80 Mesh		
Loss on Drying	5% Max	Eu. Pharm. c.v. (2.8.17)	
Total Ash	5% Max	Eu. Pharm. c.v. (2.4.16)	
Bulk Density	0.30-0.70g/ml		
Tapped Bulk Density	~0.45g/ml		
Aflatoxin B1	2 µg/kg	Eu. Pharm. c.v. (2.8.18)	
Total Aflatoxins (B1, B2, G1, G2)	4 µg/kg	Eu. Pharm. c.v. (2.8.18)	

\*The color may vary

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <300 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

**STORAGE AND HANDLING**

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
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