



Technical Data Sheet

**Karotte P.E. 1% Beta Carotin
Carrot P.E. 1% Beta Carotene**

PRODUCT INFORMATION

| | | | |
|----------------|---------------------------------|------------------------|-----------------|
| Name | Beta carotene containing powder | | |
| Botanical Name | Daucus Carota Sativa | Extraction solvent | Ethanol & Water |
| Part Used | Root | Carrot Root Extract | Approx 80% |
| Origin | China | Carrier (Maltodextrin) | Approx 20% |

| ITEM | SPECIFICATION | METHOD |
|-----------------------------------|-----------------------|--------------------------|
| Beta Carotene Assay | 1% Min | HPLC |
| Appearance* | Brown Red Fine Powder | Visual |
| Odor & Taste | Characteristic | Organoleptic |
| Identification | Positive | TLC |
| Sieve analysis | 100% through 80 Mesh | 80 Mesh Screen |
| Loss on Drying | max 5% | Eu. Pharm. c.v. (2.8.17) |
| Total Ash | max 5% | Eu. Pharm. c.v. (2.4.16) |
| Bulk Density | 0.30-0.70g/ml | |
| Aflatoxin B1 | 2 µg/kg max | Eu. Pharm. c.v. (2.8.18) |
| Total Aflatoxins (B1, B2, G1, G2) | 4 µg/kg max | 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 |
| Unintentional contact (traces) in the supply chain cannot be excluded. | |
| 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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All above information according to the manufacturer / supplier

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