



**Technical Data Sheet**

**Rote Bete P.E. 10:1**  
**Beet Root P.E. 10:1**

**PRODUCT INFORMATION**

Name	Powder extract from Beet Root		
Botanical Name	Beta vulgaris L.	Extraction solvent	Ethanol & Water
Part Used	Root	Beet Root Extract	Approx 90%
Origin	China	Carrier (Maltodextrin)	Approx 10%

ITEM	SPECIFICATION	METHOD
Betaine Nitrates Assay	25%	UV
Appearance	Reddish Purple Fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	TLC
Particle size	100% through 60 Mesh	60 Mesh Screen
Solubility	Water soluble	
Loss on Drying	max 5%	USP
Total Ash	max 5%	USP
Bulk Density	0.45g/cc~0.65g/cc	USP
Pesticides Residues	Meet the Requirements	USP

**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
<b>Unintentional contact (traces) in the supply chain cannot be excluded.</b>	
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	2 years if sealed and properly stored
Document status template	24.06.2024
Issue date	02.08.2024

**All above information according to the manufacturer / supplier**

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