



**Rote Bete P.E. 50% Betain Nitrat**  
**Beet Root P.E. 50% Betaine Nitrates**

**PRODUCT INFORMATION**

Latin name	Beta vulgaris
Part Used	Root
Origin	China
Extraction solvent	Water
Beet Root Extract	Approx 95%
Carrier (Maltodextrin)	Approx 5%

ITEM	SPECIFICATION	METHOD
Assay Betain Nitrates	50% Min	UV
Appearance*	Reddish Purple Fine Powder	Visual
Odor & Taste	Characteristic	Visual & Taste
Identification	Positive	TLC
Particle size	100% through 60 Mesh	USP
Loss on Drying	≤5.0%	USP
Ash	≤5.0%	USP
Bulk Density	0.45g/cc~0.65g/cc	USP
pH	4.0~5.0 (1% Solution)	USP
Solubility	Water soluble	in house

\*The color may vary

**STATEMENTS**

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 <1,000 cfu/g, TYMC <100 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	Vegan
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
<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 Nr. 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
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**All above information according to the manufacturer**

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