



## Technical Data Sheet

### Baldrian P.E. 0,8% Valerensäure (18801) Valerian P.E. 0.8% Valerenic Acid (18801)

#### PRODUCT INFORMATION

Origin of raw material	Netherlands
Country of manufacture	Serbia
Latin name	Valeriana officinalis
Part Used	Root
Extraction solvent	Ethanol & Water
Extract ratio	8-10:1
Valerian dry extract	70-100%
Excipients	Maltodextrin 0-30%

ITEM	SPECIFICATION	METHOD
Appearance*	Light brown, fine powder	Organoleptic
Smell	Characteristic	Organoleptic
Active component content	min. 0.8% m/m of sesquiterpenic acids, expressed as valerenic acid	MT-27 HPLC
Particle size	min 95% through 200µm 100% through 300µm	MT-12
Loss on Drying	max 6% m/m	MT-03
Bulk Density	0.4 - 0.7 g/ml	MT-11
Tapped density	0.6 - 0.9 g/ml	MT-11
Residual solvent (EtOH)*	< 0.5%	MT-16

\*The color may vary

#### STATEMENTS

Contaminants	According to Reg. (EC) 2023/915 for food supplements
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <50,000 cfu/g, TYMC <500 cfu/g, Enterobacteriae <100 cfu/g, Salmonella negative/25g, E. Coli negative/1g, Coagulase-positive Staphylococci negative/1g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Antimicrobial preservatives	Absent
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 free	according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
MOSH/POSH/MOAH	Risk free
Packaging	According to Reg. (EC) 1935/2004 and Nr. 10/2011 and amendments

#### STORAGE AND HANDLING

Storage	Store in a well-closed warehouse, on approximately relative humidity 60%, on room temperature or lower
Shelf Life	2 years if sealed and properly stored
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