



## **Baldrian P.E. 4:1**

## **Valerian P.E. 4:1**

### **PRODUCT INFORMATION**

Latin name	Valeriana officinalis
Part Used	Root
Origin	China
Extraction solvent	Ethanol & Water
Extract ratio	4:1
Carrier	Maltodextrin
Composition	80% Valeriana officinalis Root Extract 20% Maltodextrin

<b>ITEM</b>	<b>SPECIFICATION</b>	<b>METHOD</b>
Assay	4:1 TLC	TLC
Appearance*	Brown Yellow Fine Powder	Visual
Odor & Taste	Characteristic	Organolepti
Identification	Positive	TLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	5% Max	Eu. Pharm. v.v. (2.8.17)
Total Ash	5% Max	Eu. Pharm. c.v. (2.4.16)
Bulk Density	0.30-0.70g/ml	
Aflatoxin B1	2µg/kg Max	Eu. Phann. c.v. (2.8.18)
Total Aflatoxins (B1,B2,G1,G2)	4µg/kg Max	Eu. Phann. c.v. (2.8.18)

### **STATEMENTS**

Food quality and safety	According to Reg. (EC) 178/2002
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 <10,000 cfu/g, TYMC <300 cfu/g, Salmonella negative, E. Coli negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
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
Allergen labeling	Subject to labeling 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

**Hazard** Not dangerous in accordance with EU regulation (EC) No 1272/2008

### **STORAGE AND HANDLING**

Storage	Store in Cool & dry place. Keep away from strong light and heat.
Shelf life	3 years if sealed and stored properly.

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