



## **Echter Hopfen P.E. 4:1**

### **Common Hop P.E. 4:1**

#### **PRODUCT INFORMATION**

Latin name	Humulus lupulus L.
Part Used	Blume
Origin	China
Extraction solvent	Ethanol & Wasser
Extract ratio	4:1
Carrier	Maltodextrin
Composition	80% Humulus lupulus L. flower Extract 20% Maltodextrin

<b>ITEM</b>	<b>SPECIFICATION</b>	<b>METHOD</b>
Assay	4:1	TLC
Appearance	Brown Yellow Fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	TLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	NMT 5%	Eu. Pharm. v.v. (2.8.17)
Total Ash	NMT 5%	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) 2023/925 and amendments
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, Staphylococcus 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 Dir. (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
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

#### **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
Extended Info	Document template date: 15.12.2023 Document Issue date: 06.01.2024

#### **Disclaimer**