



Chem2Market GmbH Planckstraße 17 DE-22765 Hamburg info@plants2market.com Tel.: +49 40 80 79 60 10 **Technical Data Sheet** 

# 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	

ITEM	SPECIFICATION	METHOD
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	4µg/kg Max	Eu. Phann. c.v. (2.8.18)
(B1,B2,G1,G2)		

#### STATEMENTS

Food quality and safety	According to Reg. (EC) 178/2002
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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
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