



**Technical Data Sheet**

**Echter Hopfen P.E. 14:1**  
**Common Hops P.E. 14:1**

**PRODUCT INFORMATION**

|                        |                   |
|------------------------|-------------------|
| Botanical name         | Humulus Lupulus L |
| Part Used              | Flower            |
| Origin                 | China             |
| Extraction solvent     | Ehtanol & Water   |
| Carrier (Maltodextrin) | approx. 10%       |

| ITEM                              | SPECIFICATION            | METHOD                   |
|-----------------------------------|--------------------------|--------------------------|
| Assay                             | 14:1                     | 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                    | 5% Max                   | Eu. Pharm. c.v. (2.8.17) |
| Total Ash                         | 5% Max                   | Eu. Pharm. c.v. (2.4.16) |
| Bulk Density                      | 0.30~0.70g/ml            |                          |
| Aflatoxin B1                      | 2 µg/kg                  | Eu. Pharm. c.v. (2.8.18) |
| Total Aflatoxins (B1, B2, G1, G2) | 4 µg/kg                  | Eu. Pharm. c.v. (2.8.18) |

**STATEMENTS**

|   |   |
|---|---|
| Food Quality and Safety   | According to Reg. (EC) 178/2002   |
| 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: <10,000 cfu/g, TYMC: <300 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   | Conform   |
| 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   |
| Allergen status   | No allergens requiring labeling according to Reg. (EC) 1169/2011  |
| <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   |
| Cosmetic quality  | Complies with all requirements for cosmetics in Germany and the EU  |
| Packaging   | According to Reg. (EC) 1935/2004 and 10/2011 and amendments   |

**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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**All above information according to the manufacturer**

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