



**Technical Data Sheet**

**Betulin 98% ex Birkenrinde P.E.**  
**Betulin 98% ex Birch bark P.E.**

**PRODUCT INFORMATION**

|                    |                         |
|--------------------|-------------------------|
| Latin name         | Betula platyphylla Suk. |
| Part Used          | Bark                    |
| Origin             | China                   |
| Extraction solvent | Ethanol & water         |
| Carrier            | None                    |

| ITEM           | SPECIFICATION        | METHOD                   |
|----------------|----------------------|--------------------------|
| Betulin Assay  | 98% Min              | HPLC                     |
| Appearance     | White 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. v.v. (2.8.17) |
| Total Ash      | 1% Max               | Eu. Pharm. c.v. (2.4.16) |
| Bulk Density   | 0.30-0.70g/ml        |                          |

**STATEMENTS**

|                      |  |
|----------------------|--|
| 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: <1,000 cfu/g, TYMC: <100 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 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) 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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