



## D-Mannose 99% ex Birke P.E. D-Mannose 99% ex Birch P.E.

### PRODUCT INFORMATION

Latin name	Betula platyphylla
Part Used	Holz
Origin	China
Extraction solvent	Ethanol & Wasser
Carrier	None

ITEM	SPECIFICATION	METHOD
Assay	≥99.0%	HPLC
Appearance	White Crystalline Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	FTIR
Sieve analysis	95% Through 30 Mesh	USP42-NF37<786>
Loss on Drying	≤0.5%	USP42-NF37<731>
Total Ash	≤0.1%	USP42-NF37<281>
Bulk Density	30~50g/100ml	USP42-NF37<616>
Aflatoxin B1	≤20ppb	USP42-NF37<561>
	Tapped Density 45~75g/100ml	USP42-NF37<616>
Melting point	126°C~134°C	USP42-NF37<741>
Solubility	Clear and Colorless	H2O, 10%
	Optical Rotation (+)13.3°~ +14.3°	USP42-NF37<781>

### STATEMENTS

Food quality and safety	According to Reg. (EC) 178/2002
Novel food status	Authorised novel food according to Reg. (EC) 2017/2470
Contaminants	According to Reg. (EC) 2023/915 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 <100 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
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

### 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.

#### Disclaimer