

Specification

Technical Data Sheet

CAS**69-65-8****STORAGE****Ambient****MOLECULAR WEIGHT****182.17 g/mol****PRODUCT****Mannitol FG**

Product number	90036112
CAS number	69-65-8
Molecular formula	C ₆ H ₁₄ O ₆
Molecular weight	182.17 g/mol g/mol

PARAMETER**SPECIFICATION**

Appearance	White to almost white crystalline powder
Heavy metals	≤5.0 mg/kg
Identification	1: JP
Impurity A	D-Sorbitol: ≤%
Loss on Drying	≤0.5%
Melting Point	165 - 170 °C
Conductivity	≤20 µS/cm
Solubility	Freely soluble in water. Practically insoluble in ethanol
Total Impurities	B and C: ≤2.0%
Mannitol	97.0 - 102.0%
Nickel (Ni)	≤1.0 mg/kg
Reducing Sugars	≤0.1%
Unknown impurities	≤0.10%

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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