

Specification

Technical Data Sheet

CAS**585-88-6****STORAGE****2 to 8 °C****MOLECULAR WEIGHT****344.31****PRODUCT****Maltitol - tested acc. to USP specifications**

Product number	90037572
CAS number	585-88-6
Molecular formula	C ₁₂ H ₂₄ O ₁₁
Molecular weight	344.31 g/mol

PARAMETER**SPECIFICATION**

Appearance	White to Off-white powder
Identification	Conforms to reference
Salmonella	Absent in 25g
Water	≤ 0.3%
Chloride (Cl-)	≤ 50mg/kg
Conductivity	≤ 20μS/cm
Escherichia coli	≤ 3.0MPN/g
Reducing Sugar	≤ 0.1%
Residue on Ignition	≤ 0.1%
Specific optical rotation	+105.5 to +108.5
Total aerobic plate count	≤ 100CFU/g
Yeast	≤ 10CFU/g
Arsenic (As)	≤ 0.5mg/kg
Assay (dried basis)	≥ 99.0%
Lead (Pb)	≤ 0.5mg/kg
Moulds	≤ 10CFU/g

PARAMETER	SPECIFICATION
Nickel (Ni)	$\leq 1.0\text{mg/kg}$
Sulphates (SO ₄)(2-)	$\leq 100\text{mg/kg}$

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.

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