

Specification

Technical Data Sheet

CAS**50-70-4****STORAGE****Ambient****MOLECULAR WEIGHT****182.17****PRODUCT****Sorbitol Ph.Eur. Grade**

Product number	90029324
CAS number	50-70-4
Molecular formula	C ₆ H ₁₄ O ₆
Molecular weight	182.17 g/mol

PARAMETER**SPECIFICATION**

Appearance	White/ off white powder
E.Coli	Absent
Melting Point	98-104°C
Salmonella	Absent
Water	≤ 1.5%
Appearance of Solution	Passes test
Conductivity	≤ 20µS/cm
Impurity, iditol	≤ 2.0% (Dry basis)
Impurity, maltitol	≤ 2.0% (Dry basis)
Impurity, mannitol	≤ 2.0% (Dry basis)
Reducing Sugar	≤ 0.2%
Related Products	Passes test
Related products, any	≤ 2.0% (Dry basis)
Sorbitol Assay	97-102% (Dry basis)
Specific optical rotation	+4-7°
Total Yeast & Mould	≤ 100/g

PARAMETER	SPECIFICATION
Identification (HPLC)	Passes test
Identification (TLC)	Passes test
Nickel (Ni)	≤ 1.0 ppm
Related Substances, Total	$\leq 3.0\%$ (Dry basis)
Total Aerobic Microbial Count	$\leq 1000/g$

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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