

Specification

Technical Data Sheet

Product Name	D-Mannitol
Product No	71640365
CAS Number	69-65-8
Storage Temperature	Ambient
Molecular Weight	182.17 g/mol
	Specification
Appearance	White crystalline powder
Conclusion	Conforms to BP specification
Loss on Drying	≤0.3%
Melting Point	164 - 169°C
Specific rotation	+23 - +25
Acid	≤0.2ml
Assay	96 - 101.5%

Specification

Chloride (Cl)	$\leq 0.007\%$
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Conductivity	$\leq 20\mu\text{s}/\text{cm}$
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Reducing Sugar	$\leq 0.1\%$
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Sulfate	$\leq 0.01\%$
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Arsenic (As)	$\leq 1\text{ppm}$
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Identification (IR)	Conforms to structure
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Nickel (Ni)	$\leq 1\text{ppm}$
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