

Material	25314.264
Material description	D(-)-Mannitol
Grade	Analytical reagent
CAS Number	69-65-8
Molecular formula	C ₆ H ₁₄ O ₆
Molecular mass	182.17

Characteristics	Specifications
Reducing sugars	Passes test
Acidity or alkalinity	Passes test
Melting point	165 - 170 °C
Specific optical rotation (8 %; borate)	23 - 24 °
Heavy metals (as Pb)	≤ 10 ppm
Ignition residue (SO ₄)	≤ 0.05 %
Loss on drying (100°C)	≤ 0.3 %
Cl (Chloride)	≤ 50 ppm
SO ₄ (Sulphate)	≤ 100 ppm
As (Arsenic)	≤ 2 ppm

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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