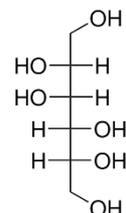


Product Specification

Product Name:

D-Mannitol Semiconductor grade, PurElectra, ≥ 95.0 %

Product No.: PSR50083
Brand: PureSynth
CAS No.: 69-65-8
Molecular Formula: C₆H₁₄O₆
Molecular Weight: 182.17 g/mol



Test	Specification
Appearance	White powder
Assay	≥ 95.0 %
Loss on drying, 105°C	≤0.3%
Melting point	165 – 170 °C
pH (5% solution)	5.0 – 7.5
Calcium (Ca)	NMT 0.02 ppm
Copper (Cu)	NMT 0.02 ppm
Iron (Fe)	NMT 0.05 ppm
Lead (Pb)	NMT 0.05 ppm
Magnesium (Mg)	NMT 0.02 ppm
Nickel (Ni)	NMT 0.01 ppm
Potassium (K)	NMT 0.02 ppm
Sodium (Na)	NMT 0.05 ppm
Zinc (Zn)	NMT 0.02 ppm
Chloride (Cl)	NMT 10 ppm
Sulfate (SO ₄)	NMT 10 ppm

Specification: PE-1.0-QA/003

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com