

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	00696
Lot Number	001543-1611004
Product	D-Mannitol 1,2,3,4,5,6-Hexanehexol
CAS Number	69-65-8
Molecular Formula	C ₆ H ₁₄ O ₆
Molecular Weight	182.17
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Appearance	White crystalline powder
Appearance of Solution	Clear and colorless
Melting Point	166 °C
Heavy Metals	Nickel (Ni): < 1 ppm
Conductivity	4.6 µs/cm
Yeast and Mold	Total Yeast & Mold Count: < 10 cfu/g
Infrared Spectrum	Conforms to structure
Reducing Sugars	< 0.1%
Loss on Drying	0.025%
Bacterial Endotoxins	< 2.5 IU/g
E. Coli	Negative
Microbial Count	Total Aerobic Microbial Count: 10cfu/g
Salmonella	Negative
Related Substances	Sorbitol : < 2.0% Maltitol & Isomalt : < 2.0% Unspecified impurities : < 0.10% Total impurities: < 2.0
Assay	99.80%
Grade	USP
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager