

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

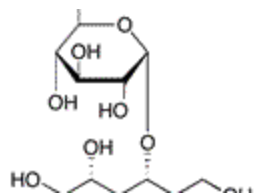
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 32178

Product **Maltitol**

4-O-α-Glucopyranosyl-D-sorbitol

CAS Number 585-88-6

Molecular Formula C₁₂H₂₄O₁₁

Molecular Weight 344.31

Appearance White powder

Melting Point 148 - 151 °C

Anion Chloride : ≤ 50 ppm
Sulphate : ≤ 100 ppm

Cation Nickel : ≤ 1 µg/g
Lead : ≤ 1 mg/kg

Water Content (Karl Fisher) ≤ 0.5%

Conductivity ≤ 20 µs/cm (200 mg/mL solution)

Yeast and Mold ≤ 10 cfu/g

Optical Rotation [α]_D²⁰ = 105.5 to 108.5°

Reducing Sugars ≤ 0.1%

Microbial Count ≤ 100 cfu/g (Total aerobic plate count)

Salmonella Absent

Residue On Ignition ≤ 0.1%

Assay (anhydrous basis) 99 - 101%

Storage Store at 2-8 °C

Additional Information Other hydrogenated saccharides : ≤ 1.0%

Product Specifications

Catalog Number: 32178

For Laboratory Use Only