

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	31375
Product	Mannose triflate 1,3,4,6-Tetra-O-Acetyl-2-O-(trifluoromethanesulfonyl)- β -D-TATM
CAS Number	92051-23-5
Molecular Formula	C ₁₅ H ₁₉ F ₃ O ₁₂ S
Molecular Weight	480.36

Appearance	White or almost white crystalline powder
Appearance of Solution	Clear solution
Melting Point	117 - 122 °C
Heavy Metals	≤ 10 ppm
Optical Rotation	[α] ²⁰ _D = -12 to -16 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.6%
Residual Solvents	Chloroform : ≤ 0.006% Dichloromethane : ≤ 0.06% Ethanol : ≤ 0.5% Diethylether : ≤ 0.5%
Related Substances	Impurity A : ≤ 0.2% Impurity B : ≤ 0.2% Any other impurity : ≤ 0.1% Total impurity : ≤ 1%
Residue On Ignition	≤ 0.1%
¹H NMR	Conforms to structure
Assay by titration	≥ 99% (On dried basis)
Storage	Store at ≤ -20 °C

Product Specifications

Catalog Number: 31375

For Laboratory Use Only