

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-11 15:04:47

Date of Next Testing: 2029-08-10 15:04:47

Product Name: **Mannose triflate**

CAS Number: 92051-23-5

Specifications & Purity: $\geq 98\%$

Lot #: J2120129

SKU #: **T111864**

Version: **1**

Analysis #: **552435**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	-18--14 (°)	-17.90000 °
Melting point	115-120 (°C)	118.10000 °C
Purity(HPLC area)	98-100 (%)	98.86000 %
Appearance (T111864)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless Clear, 25mg/ml in CHCl ₃	pass	Pass



John Su
QA & QC Manager