

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-04-27 15:44:06
Date of Next Testing:	2027-04-26 15:44:06
Product Name:	2,3,4,6-Tetra-O-benzoyl-D-mannopyranose
CAS Number:	113544-59-5
Specifications & Purity:	93% (isomer mixture)
Lot #:	D23211135
SKU #	T162855
Analysis:	201733
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Melting point	179-185 (°C)	183.10000 °C
Purity(HPLC)(sum of isomers)	93-100 (%)	98.10%
Specific rotation $[\alpha]_{20/D(C=1, CHCl_3)}$ -80~-75 (°)		-79.86 °
Appearance(T162855)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager