

Certificate of Analysis

Date of Testing: 2022-12-13 17:05:09
 Date of Next Testing: 2026-12-12 17:05:09
 Product Name: **1,2,3,4,6-Penta-O-acetyl-D-mannopyranose**
 CAS Number: 25941-03-1
 Specifications & Purity: 97%
 Lot #: L2205090
 SKU #: **P160690**
Analysis: **146402**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100%	99.54700 %
Specific rotation $[\alpha]_{20/D}(C=1, CHCl_3)$	50-58°	57.59°
Appearance(P160690)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager