

## Certificate of Analysis

Date of Testing: 2024-06-27 13:49:56  
Date of Next Testing: 2028-06-26 13:49:56  
Product Name: **3,4-O-Isopropylidene-D-mannitol**  
CAS Number: 3969-84-4  
Specifications & Purity: 96%  
Lot #: F2418153  
SKU #: **O159942**  
Version: **1**  
Analysis #: **325142**

Parameter	Limit Values	Result
Melting point	83-88 (°C)	85.81000 °C
Purity(GC)	96-100 (%)	98.26 %
Specific Rotation [α] <sub>20</sub> /D(c=3 in H <sub>2</sub> O)	27-32 (°)	29.24°
Appearance(O159942)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager