

## Certificate of Analysis

Date of Testing: 2023-05-24 15:55:16

Date of Next Testing: 2025-05-23 15:55:16

Product Name: **Miglitol**

CAS Number: 72432-03-2

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: E23161088

SKU #: **M129345**

**Analysis:** **199780**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	144-148 (°C)	147.91000 °C
Specific Rotation [α] <sub>20</sub> /D(c=0.5 in H <sub>2</sub> O)	-9--7 (°)	-7.91 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	101.85 %
Purity(GC)	98-100 (%)	99.73 %
Appearance (M129345)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow,Clear,5 mg/mL	pass	Pass



John Su  
QA & QC Manager