

## Certificate of Analysis

Date of Testing: 2024-10-12 13:37:37  
Date of Next Testing: 2026-10-12 13:37:37  
Product Name: **Miglitol**  
CAS Number: 72432-03-2  
Specifications & Purity: Moligand™, ≥98%(GC)  
Lot #: G1515084  
SKU #: **M129345**  
Version: **0**  
Analysis #: **418536**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.30 %
Melting point	144-148 (°C)	147.40000 °C
Specific Rotation [α] <sub>20</sub> /D(c=0.5 in H <sub>2</sub> O)	-9--7 (°)	-8.40 °
Purity(NonaqueousTitration)	97.5-102.5 (%)	97.50 %
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