

Certificate of Analysis

Date of Testing: 2025-03-12 16:14:41

Date of Next Testing: 2027-03-12 16:14:41

Product Name: **Miglitol**

CAS Number: 72432-03-2

Specifications & Purity: Moligand™, ≥98%(GC)

Lot #: E23261088

SKU #: **M129345**

Version: **0**

Analysis #: **480465**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.73 %
Melting point	144-148 (°C)	147.90800 °C
Specific Rotation [α] _{20/D} (c=0.5 in H ₂ O)	-9--7 (°)	-7.91 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	101.85 %
Appearance (M129345)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow,Clear,5 mg/mL	pass	Pass



John Su
QA & QC Manager