

Certificate of Analysis

Date of Testing: 2024-01-26 13:20:26
Date of Next Testing: 2028-01-25 13:20:26
Product Name: **Methyl α -D-galactopyranoside**
CAS Number: 3396-99-4
Specifications & Purity: > 98.0%
Lot #: A2420002
SKU #: **M120874**
Analysis: 101486
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	7.84 %
Purity(HPLC)	98-100 (%)	99.81100 %
Melting point	106-110 (°C)	109.98000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	173-183 (°)	175.37 °
Appearance (M120874)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Clear colorless solution(50mg/ml,water)	pass	Pass



John Su
QA & QC Manager