

Certificate of Analysis

Date of Testing: 2022-09-08 10:19:04
Date of Next Testing: 2026-09-07 10:19:04
Product Name: **Methyl- β -D-galactopyranoside**
CAS Number: 1824-94-8
Specifications & Purity: 98%
Lot #: H2231509
SKU #: **M120876**
Analysis: 100137
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	42.4-44.2 (%)	43.20%
Purity(HPLC area)	98-100 (%)	99.74%
Specific Rotation [a] ₂₀ /D(c=1.5 in MeOH)	-18 - -15 (°)	-17.86°
Appearance (M120876)	white to white with a light yellow cast powder	white to white with a light yellow cast powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager