

Certificate of Analysis

Date of Testing: 2024-09-18 17:23:13
Date of Next Testing: 2026-09-18 17:23:13
Product Name: **Phenyl β -D-Galactopyranoside**
CAS Number: 2818-58-8
Specifications & Purity: \geq 98%
Lot #: L2205323
SKU #: **P136533**
Version: **0**
Analysis #: **412322**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2.3 in H ₂ O)	-44--40 (°)	-40.05 °
Purity(HPLC)	98-100 (%)	99.04000%
Melting point	146-149 (°C)	146.84300 °C
Appearance (P136533)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager