

Certificate of Analysis

Date of Testing: 2022-06-28 17:13:51
Date of Next Testing: 2026-06-27 17:13:51
Product Name: **N-Acetyl-D-galactosamine**
CAS Number: 1811-31-0
Specifications & Purity: 98%
Lot #: F2221232
SKU #: **A113374**
Analysis: 107246
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7.5 (%)	1.30 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O in 5 hours)	80-90 (°)	83.48°
Nitrogen by Elemental Analysis	6.1-6.5 (%)	6.30 %
Purity(HPLC)	98-100 (%)	98.23380 %
Carbon by Elemental Analysis	42.6-44.3 (%)	43.50 %
Appearance (A113374)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager