

Certificate of Analysis

Date of Testing: 2022-11-24 21:19:45
Date of Next Testing: 2026-11-23 21:19:45
Product Name: **N-Acetyl-D-galactosamine**
CAS Number: 1811-31-0
Specifications & Purity: 98%
Lot #: K2222087
SKU #: **A113374**
Analysis: 151969
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7.5 (%)	2.63 %
Nitrogen by Elemental Analysis	6.1-6.5 (%)	6.28 %
Purity(HPLC)	98-100 (%)	99.90000 %
Carbon by Elemental Analysis	42.6-44.3 (%)	43.26 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O in 5 hours)	80-90 (°)	80.10°
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