

Certificate of Analysis

Date of Testing: 2022-11-24 16:46:53
Date of Next Testing: 2026-11-23 16:46:53
Product Name: **N-Acetyl-D-galactosamine**
CAS Number: 1811-31-0
Specifications & Purity: 98%
Lot #: K2222084
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