

## Certificate of Analysis

Date of Testing: 2022-12-09 16:54:44  
Date of Next Testing: 2026-12-08 16:54:44  
Product Name: **N-Acetyl-D-galactosamine**  
CAS Number: 1811-31-0  
Specifications & Purity: 98%  
Lot #: B1920113  
SKU #: **A113374**  
**Analysis: 165645**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7.5 (%)	4.75 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O in 5 hours)	80-90 (°)	89.20°
Nitrogen by Elemental Analysis	6.1-6.5 (%)	6.35 %
Purity(HPLC)	98-100 (%)	98.45000 %
Carbon by Elemental Analysis	42.6-44.3 (%)	43.15 %
Appearance (A113374)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless ,50 mg/ml in water	pass	Pass



John Su  
QA & QC Manager