

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-08 15:51:58
Date of Next Testing: 2029-03-07 15:51:58
Product Name: **N-Acetyl-D-galactosamine**
CAS Number: 1811-31-0
Specifications & Purity: $\geq 98\%$
Lot #: C2507128
SKU #: **A113374**
Version: **0**
Analysis #: **215054**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7.5 (%)	2.52 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in 5 hours})$	80-90 (°)	86.80°
Nitrogen by Elemental Analysis	6.1-6.5 (%)	6.28 %
Purity(HPLC)	98-100 (%)	99.70000 %
Carbon by Elemental Analysis	42.6-44.3 (%)	43.20 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (A113374)	White Powder to Crystal	White powder to crystal
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager