

Certificate of Analysis

Date of Testing: 2023-11-03 17:27:15
Date of Next Testing: 2027-11-02 17:27:15
Product Name: **N-Acetyl-D-galactosamine**
CAS Number: 1811-31-0
Specifications & Purity: 98%
Lot #: K2301138
SKU #: **A113374**
Analysis: 288980
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7.5 (%)	3.66 %
Nitrogen by Elemental Analysis	6.1-6.5 (%)	6.30 %
Purity(HPLC)	98-100 (%)	99.90000 %
Carbon by Elemental Analysis	42.6-44.3 (%)	43.25 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O in 5 hours)	80-90 (°)	82.00°
Appearance (A113374)	White Powder to Crystal	White powder to crystal
Solubility in H ₂ O , clear colorless ,50 mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager