

Certificate of Analysis

Date of Testing: 2025-06-19 14:30:20

Date of Next Testing: 2029-06-18 14:30:20

Product Name: **N-Acetyl-D-lactosamine**

CAS Number: 32181-59-2

Specifications & Purity: $\geq 98\%$

Lot #: K1701083

SKU #: **S115550**

Version: **0**

Analysis #: **527859**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.25000 %
Specific Rotation $[\alpha]_{25}^D(c=0.5 \text{ in H}_2\text{O})$	27.5-32.5 ($^{\circ}$)	28.36 $^{\circ}$
Water by Karl Fischer	0-8 (%)	5.10 %
Appearance (S115550)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager