

Certificate of Analysis

Date of Testing: 2024-12-05 10:45:56
Date of Next Testing: 2028-12-04 10:45:56
Product Name: **N-Acetylneuraminic acid**
CAS Number: 131-48-6
Specifications & Purity: $\geq 98\%$
Lot #: K2428219
SKU #: **A100555**
Version: **0**
Analysis #: **437533**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in H}_2\text{O})$	-34--30 ($^{\circ}$)	-33.62 $^{\circ}$
Appearance (A100555)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Clear to Very Slightly Hazy(50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager