



## Certificate of Analysis

### N-Acetylneuraminic Acid

**Catalog Number:** AA1009  
**Lot Number:** 0911402  
**CAS Number:** 131-48-6  
**Synonym(s):** Sialic Acid, NANA, 5-Acetamido-3,5-dideoxy-D-glycero-D-galactononulosonic acid, Lactaminic acid  
**Source:** Synthetic origin  
**Molecular Formula:**  $C_{11}H_{19}NO_9$   
**Molecular Weight:** 309.27  
**Storage:** -10°C to -20°C  
**Date of Manufacture:** May 9, 2013  
**Retest Date:** May 8, 2019

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Purity	≥ 98.0%	99.5%
Melting Point	184°C – 186°C	~186°C
Solubility (50mg/mL)	Clear & colorless	Conforms

Approved by:

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