



## Specification

### N-Acetylneuraminic Acid

<b>Catalog Number:</b>	AA1009
<b>CAS Number:</b>	131-48-6
<b>Synonym(s):</b>	Sialic Acid, NANA, 5-Acetamido-3,5-dideoxy-D-glycero-D-galactononulosonic acid, Lactaminic acid
<b>Source:</b>	Synthetic origin
<b>Molecular Formula:</b>	$C_{11}H_{19}NO_9$
<b>Molecular Weight:</b>	309.27
<b>Storage:</b>	$\leq -10^{\circ}C$
<b>Retest Period:</b>	Four years from the date of manufacture

Test	Specification
Appearance	White to off-white powder
Purity	$\geq 98.0\%$
Melting Point	$184^{\circ}C - 186^{\circ}C$
Solubility (50mg/mL)	Clear & colorless

Approved:

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)

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