

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

N-Acetylneuraminic acid – synthetic, ≥95%

Product Number:

A0812

CAS Number:

131-48-6

MDL:

MFCD00006620

Formula:

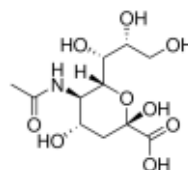
C<sub>11</sub>H<sub>19</sub>NO<sub>9</sub>

Formula Weight:

309.27 g/mol

Storage Temperature:

-20 °C



### TEST

### Specification

Appearance (Color)

White to Off White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear

50 mg/ml, H<sub>2</sub>O

Water (by Karl Fischer)

≤ 10 %

Infrared spectrum

Conforms to Structure

Total N-Acetyl Neuraminic Acid

≥ 95 %

Anhydrous

Purity (HPLC)

≥ 98 %

Recommended Retest Period

6 years

Specification: PRD.3.ZQ5.10000036245

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.