

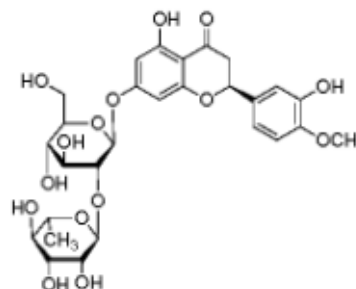
3050 Spruce Street, Saint Louis, MO 63103, USA

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:  
Neohesperidin - ≥90%

**Product Number:** N1887  
**CAS Number:** 13241-33-3  
**MDL:** MFCD16661259  
**Formula:** C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
**Formula Weight:** 610.56 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Beige and Faint Brown to Light Brown
Appearance (Form)	Powder
Solubility (Color)	Very Faint Yellow to Yellow
Solubility (Turbidity)	Clear
EmM	19.0 - 21.4
in EtOH	
Wavelength	283 - 285 nm
Proton NMR spectrum	Conforms to Structure
<sup>13</sup> C NMR SPECTRUM	Conforms to Structure
Purity (HPLC)	≥ 90 %

Specification: PRD.0.ZQ5.10000027098

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.