

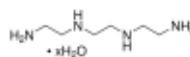
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## Product Specification

Product Name:  
Triethylenetetramine hydrate - 98%

**Product Number:** 259535  
**CAS Number:** 305808-21-3  
**MDL:** MFCD00149562  
**Formula:** C<sub>6</sub>H<sub>18</sub>N<sub>4</sub> · xH<sub>2</sub>O  
**Formula Weight:** 146.23 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	Conforms to Requirements
White to Off-White or Pale Yellow	
Appearance (Form)	Conforms to Requirements
Powder, Crystalline Powder or Granular Powder	
Infrared spectrum	Conforms to Structure
Carbon (anhydrous)	48.0 - 50.5 %
Nitrogen (anhydrous)	37.4 - 39.3 %
Water (by Karl Fischer)	19.0 - 24.0 %

Specification: PRD.1.ZQ5.10000044001

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.