

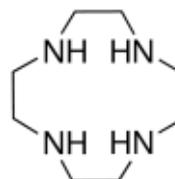
3050 Spruce Street, Saint Louis, MO 63103, USA

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

## Product Specification

Product Name:  
Cyclen - 97%

**Product Number:** 339652  
**CAS Number:** 294-90-6  
**MDL:** MFCD00066281  
**Formula:** C<sub>8</sub>H<sub>20</sub>N<sub>4</sub>  
**Formula Weight:** 172.27 g/mol

**TEST****Specification**

Appearance (Color)

Conforms to Requirements

White to Off-White or Yellow

Appearance (Form)

Powder or Crystals

Proton NMR Spectrum

Conforms to Structure

Carbon

53.7 - 57.7 %

Nitrogen

31.3 - 33.7 %

Specification: PRD.1.ZQ5.10000056223

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.