

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:

Mercaptoethylguanidine hemisulfate salt - ≥98%

Product Number:

**M9940**

CAS Number:

3979-00-8

MDL:

MFCD03789572

Formula:

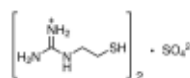
C<sub>3</sub>H<sub>9</sub>N<sub>3</sub>S · 0.5H<sub>2</sub>SO<sub>4</sub>

Formula Weight:

168.23 g/mol

Storage Temperature:

2 - 8 °C



### TEST

### Specification

Carbon	21.1 - 21.7 %
Hydrogen	5.6 - 6.2 %
Nitrogen	24.6 - 25.3 %
Sulfur	28.2 - 28.8 %
Proton NMR spectrum	Conforms to Structure
Appearance (Color)	White to Off White
Appearance (Form)	Powder

Specification: PRD.0.ZQ5.10000101469

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.