

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:  
Didecylamine - 95%

Product Number: 264970  
CAS Number: 1120-49-6  
MDL: MFCD00048396  
Formula: C<sub>20</sub>H<sub>43</sub>N  
Formula Weight: 297.56 g/mol



| TEST   | Specification            |
|--|--------------------------|
| Appearance (Color)   | White                    |
| Appearance (Form)  | Conforms to Requirements |
| Powder, Crystalline Powder, Crystals,<br>Crystalline Solid, or Solid |                          |
| Infrared spectrum  | Conforms to Structure    |
| Purity (GC)  | ≥ 94.5 %                 |
| Purity (Titration by HCL04)  | 94.5 - 105.5 %           |
| Water (by Karl Fischer)  |                          |
| Report Only  |                          |
| Proton NMR spectra   | Conforms to Structure    |

Specification: PRD.1.ZQ5.10000104756

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.

