

Aladdin 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 Aladdin-e.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.

## Specification Sheet

Product Name: **4-(2-Chloroethyl)morpholine Hydrochloride**  
Specifications & Purity: 99%  
SKU #: **C133320**

| Parameter   | Limit Values                                   |
|---|--|
| Purity(Titration by AgNO <sub>3</sub> )               | 99-101 (%)                                     |
| Melting point   | 183-187 (°C)                                   |
| Appearance (C133320)                                  | White to faint beige powder,crystals or fibers |
| Infrared spectrum                                     | Conforms to Structure                          |
| Solubility in H <sub>2</sub> O , very faint turbidity | pass   |

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