

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: 1,4-Dimethylpiperazine

 Specifications & Purity:
 >98.0%(GC)

 SKU #
 **D124551**

 Parameter
 Limit Values

 Purity(NonaqueousTitration)
 98-100 (%)

 Refractive index n20/D
 1.445-1.448

 Purity(GC)
 98-100 (%)

 Density (20°C)
 0.852-0.855

Appearance (D124551) Colorless to Light yellow clear liquid

Proton NMR spectrum Conforms to structure

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