

# Certificate of Analysis

**Product Name :** 1-(4-Nitrophenyl)piperazine 97%  
**Product Number :** 279773-BULK  
**Batch Number :** 0000058357  
**CAS Number :** 6269-89-2  
**Molecular Formula :** C<sub>10</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>  
**Formula Weight :** 207.23  
**Quality Release Date :** 16 Jun 2019

Test	Specification	Result
Appearance (Color)	Yellow to Brown	Yellow
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	55.9 - 60.0 %	57.8 %
Nitrogen	19.5 - 21.0 %	20.0 %
Purity (HPLC)	≥ 96.5 %	99.9 %

*Champaka. G*

Champaka Gurudevuru, Manager

Analytical

Bangalore

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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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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