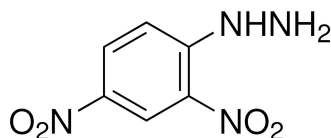


Certificate of Analysis

Product Name : 2,4-Dinitrophenylhydrazine reagent grade, 97%
Product Number : D199303-25G
Batch Number : 0000441231
 Source Batch : 0000400119
 CAS Number : 119-26-6
 MDL Number : MFCD00007578
 Molecular Formula : C₆H₆N₄O₄
 Formula Weight : 198.14 g/mol
 Quality Release Date : 12 Dec 2024



Test	Specification	Result
Appearance (Color)	Orange to Very Dark Orange and Red to Very Dark Red and Orange-Red and Red-Orange	Dark Orange
Appearance (Form)	Powder or Crystals	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Carbon Content	35.0 - 37.6 %	36.1 %
Nitrogen Content	27.3 - 29.3 %	29.2 %
Purity (HPLC)	≥ 96.5 %	99.7 %
Recommended Retest Period	-----	-----
2 Years		
Note	Confirmed	Confirmed
Moist Solid Containing 33 % Water (Minimum)		

Pramod Kadam(PhD),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. 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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