

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-23 15:03:25  
Date of Next Testing: 2026-02-12 15:03:25  
Product Name: **Piperazine hexahydrate**  
CAS Number: 142-63-2  
Specifications & Purity: analytical standard  
Lot #: K1616012  
SKU #: **P105280**  
**Analysis:** **323095**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	42-46 (°C)	42.40000 °C
Purity(HPLC)	99-100 (%)	99.31000 %
Appearance (P105280)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager