

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-10 18:30:38  
Date of Next Testing: 2027-05-09 18:30:38  
Product Name: **1,6-Hexamethylenediamine (HMDA)**  
CAS Number: 124-09-4  
Specifications & Purity: AR, ≥99%  
Lot #: E2304242  
SKU #: **H103909**  
Version: **0**  
Analysis #: **223009**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metals	0-0.001 (%)	0.00000 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.92000 %
Purity(GC)	99-100 (%)	99.52600 %
Ignition Residue	0-0.03 (%)	0.01010 %
Melting point	38-45 (°C)	44.81000 °C
Appearance (H103909)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless ,50 mg/ml in water	pass	Pass



John Su  
QA & QC Manager