

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-09 13:15:47

Date of Next Testing: 2028-01-08 13:15:47

Product Name: **1,6-Hexamethylenediamine (HMDA)**

CAS Number: 124-09-4

Specifications & Purity: AR, ≥99%

Lot #: A2405071

SKU #: **H103909**

Version: **0**

Analysis #: **312431**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metals	0-0.001 (%)	0.00000 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.90000 %
Purity(GC)	99-100 (%)	99.61100 %
Ignition Residue	0-0.03 (%)	0.00270 %
Melting point	38-45 (°C)	42.72000 °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 ₂ O , clear colorless ,50 mg/ml in water	pass	Pass



John Su
QA & QC Manager