

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-01 10:02:14

Date of Next Testing: 2027-01-31 10:02:14

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

CAS Number: 124-09-4

Specifications & Purity: AR, ≥99%

Lot #: A2312115

SKU #: **H103909**

Version: **0**

Analysis #: **181681**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metals	0-0.001 (%)	0.00054 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.86000 %
Purity(GC)	99-100 (%)	99.71200 %
Ignition Residue	0-0.03 (%)	0.01500 %
Melting point	38-45 (°C)	44.30000 °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