

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-10 16:53:17
 Date of Next Testing: 2027-01-09 16:53:17
 Product Name: **1,6-Hexamethylenediamine (HMDA)**
 CAS Number: 124-09-4
 Specifications & Purity: AR, ≥99%
 Lot #: A2305190
 SKU #: **H103909**
 Version: **0**
 Analysis #: **177601**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metals	0-0.001 (%)	0.00033 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.99000 %
Purity(GC)	99-100 (%)	99.82100 %
Ignition Residue	0-0.03 (%)	0.01230 %
Melting point	40-44 (°C)	43.91000 °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