

Certificate of Analysis

Date of Testing: 2025-02-10 15:17:00

Date of Next Testing: 2029-02-09 15:17:00

Product Name: **Mechlorethamine hydrochloride**

CAS Number: 55-86-7

Specifications & Purity: $\geq 98\%$

Lot #: D2126286

SKU #: **M113888**

Version: **1**

Analysis #: **468375**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	108-111 (°C)	110.20000 °C
Purity(with Total Nitrogen)	97.5-102.5 (%)	97.50 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.40 %
Appearance (M113888)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager