

Certificate of Analysis

Date of Testing: 2022-05-13 13:52:58

Date of Next Testing: 2026-05-12 13:52:58

Product Name: **4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane**

CAS Number: 23978-09-8

Specifications & Purity: 98%

Lot #: E2203242

SKU #: **H119933**

Analysis: **078925**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	100.50 %
Purity(HPLC)	98-100 (%)	99.46400 %
Melting point	69-73 (°C)	72.56000 °C
Appearance (H119933)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager