

Certificate of Analysis

Date of Testing: 2023-11-17 11:18:35

Date of Next Testing: 2027-11-16 11:18:35

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 #: K2314546

SKU #: **H119933**

Version: **2**

Analysis #: **291231**

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

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.81%
Melting point	69-73 (°C)	71.08000 °C
Purity(HPLC)	98-100 (%)	99.75200%
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