

Certificate of Analysis

Date of Testing: 2024-12-20 09:48:57

Date of Next Testing: 2026-12-10 09:48:57

Product Name: **Trimorpholinophosphine oxide**

CAS Number: 4441-12-7

Specifications & Purity: $\geq 98\%$

Lot #: L2416589

SKU #: **T124745**

Version: **0**

Analysis #: **444942**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Melting point	189-193 (°C)	191.60000 °C
Purity(HPLC)	98-100 (%)	99.72300 %
Appearance (T124745)	White to Light Beige Powder or Crystals	White to Light Beige Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager