

Certificate of Analysis

Date of Testing: 2023-07-19 11:03:46

Date of Next Testing: 2025-07-08 11:03:46

Product Name: **Trimorpholinophosphine oxide**

CAS Number: 4441-12-7

Specifications & Purity: 98%

Lot #: G2310230

SKU #: **T124745**

Analysis: **161035**

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

Parameter	Limit Values	Result
Melting point	189-193 (°C)	190.22000 °C
Purity(HPLC)	98-100 (%)	98.91100 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager