

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 13:52:29

Date of Next Testing: 2026-09-02 13:52:29

Product Name: **Trimorpholinophosphine oxide**

CAS Number: 4441-12-7

Specifications & Purity: 98%

Lot #: C2124276

SKU #: **T124745**

Version: **0**

Analysis #: **406990**

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

Parameter	Limit Values	Result
Melting point	189-193 (°C)	189.74000 °C
Purity(HPLC)	98-100 (%)	100.00000 %
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