

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-08 10:29:22

Date of Next Testing: 2026-06-07 10:29:22

Product Name: **3-Morpholinone**

CAS Number: 109-11-5

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: F2204635

SKU #: **M157861**

Version: **0**

Analysis #: **079851**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	103-107 (°C)	106.43000 °C
Purity(GC)	98-100 (%)	98.04000 %
Appearance (M157861)	White to Off-White Powder or Crystals	White to Off-White 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