

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-20 10:26:10

Date of Next Testing: 2026-03-19 10:26:10

Product Name: **4-Phenylmorpholine**

CAS Number: 92-53-5

Specifications & Purity: $\geq 98\%$

Lot #: C2214115

SKU #: **P118291**

Version: **1**

Analysis #: **075121**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	52-59 (°C)	54.91000 °C
Purity(GC)	98-100 (%)	99.59600 %
Appearance (P118291)	White to Light yellow to Light red to Orange to Brown Powder, Crystals or chunks	White to Light yellow to Light red to Orange to Brown Powder, Crystals or chunks
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager