

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 15:22:07
 Date of Next Testing: 2028-12-11 15:22:07
 Product Name: **(5S)-5-phenylmorpholin-2-one**
 CAS Number: 144896-92-4
 Specifications & Purity: $\geq 97\%$
 Lot #: L2504535
 SKU #: **P629292**
 Version: **2**
 Analysis #: **585142**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific rotation $[\alpha]_{20/D}(c=1.0 \text{ in DCM})$	95-110 ($^{\circ}$)	109.31800 $^{\circ}$
Purity(GC)	97-100 (%)	97.06 %
Appearance(P629292)	White to off-white solid or powder	White to off-white solid or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager