

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-20 14:39:55
 Date of Next Testing: 2027-12-19 14:39:55
 Product Name: **4-Morpholinylcarbonyl Chloride**
 CAS Number: 15159-40-7
 Specifications & Purity: $\geq 97\%$
 Lot #: L2308226
 SKU #: **M157857**
 Version: **0**
 Analysis #: **296026**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.40000 %
Refractive index n ₂₀ /D	1.498-1.5	1.49910
Appearance (M157857)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager