

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-11-09 11:44:48
Date of Next Testing:	2027-11-08 11:44:48
Product Name:	4-Morpholinylcarbonyl Chloride
CAS Number:	15159-40-7
Specifications & Purity:	≥97%
Lot #:	J2326522
SKU #	M157857
Version	0
Analysis #:	286168
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.50000 %
Refractive index n ₂₀ /D	1.498-1.5	1.49911
Appearance (M157857)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager