

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-25 10:04:32  
Date of Next Testing: 2029-03-24 10:04:32  
Product Name: **4-(Dimethylamino)-2-butenoic acid hydrochloride**  
CAS Number: 98548-81-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2316033  
SKU #: **D469926**  
Version: **1**  
Analysis #: **675471**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)	101.30000 %
Purity(HPLC area)	98-100 (%)	99.87000 %
Appearance(D469926)	White to Faint Yellow to Yellow or Faint Brown to Brown Powder or Crystals	White to Faint Yellow to Yellow or Faint Brown to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager