

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-27 15:11:08
 Date of Next Testing: 2026-06-26 15:11:08
 Product Name: **4-(Dimethylamino)-2-butenic acid hydrochloride**
 CAS Number: 98548-81-3
 Specifications & Purity: $\geq 98\%$
 Lot #: F2316265
 SKU #: **D469926**
 Version: **1**
 Analysis #: **226591**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.87400 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	101.32000 %
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