

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-27 11:59:01
 Date of Next Testing: 2027-03-27 11:59:01
 Product Name: (2E)-4-(dimethylamino)but-2-enoic acid hydrochloride
 CAS Number: 848133-35-7
 Specifications & Purity: $\geq 97\%$
 Lot #: C2420025
 SKU #: E177613
 Version: 0
 Analysis #: 075435
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.75600%
Purity(Neutralization titration)	96.5-103.5 (%)	99.66000%
Appearance (E177613Color)	White to almost white	White to almost white
Appearance (E177613Form)	Powder to crystal	Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager