

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-23 11:36:40

Date of Next Testing: 2025-05-22 11:36:40

Product Name: (2E)-4-(dimethylamino)but-2-enoic acid hydrochloride

CAS Number: 848133-35-7

Specifications & Purity: $\geq 97\%$

Lot #: E2220115

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