

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-07 14:12:28

Date of Next Testing: 2026-09-06 14:12:28

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

CAS Number: 848133-35-7

Specifications & Purity: $\geq 97\%$

Lot #: K2017103

SKU #: E177613

Version: 0

Analysis #: 272810

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.10530 %
Purity(Neutralization titration)	96.5-103.5 (%)	99.08000 %
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