

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-16 11:49:47

Date of Next Testing: 2026-08-15 11:49:47

Product Name: **1-(2,2-Difluoroethyl)piperazine dihydrochloride**

CAS Number: 1225276-98-1

Specifications & Purity: $\geq 97\%$

Lot #: H2309377

SKU #: **D586681**

Version: **2**

Analysis #: **254416**

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.01000 %
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	97.08000 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager