

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-04 11:21:21

Date of Next Testing: 2025-11-03 11:21:21

Product Name: **4,4-Difluoropiperidine**

CAS Number: 21987-29-1

Specifications & Purity: $\geq 98\%$

Lot #: J2226666

SKU #: **D182863**

Version: **1**

Analysis #: **129636**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.69400 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
19F NMR Spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager