

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-29 11:43:37  
Date of Next Testing: 2027-06-28 11:43:37  
Product Name: **4,5-Difluoro-2-nitrobenzoic acid**  
CAS Number: 20372-63-8  
Specifications & Purity: 98%  
Lot #: F2316969  
SKU #: **D113493**  
**Analysis: 119881**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72300 %
Purity(Neutralization titration)	98-100 (%)	98.80 %
Melting point	163-167 (°C)	166.63000 °C
Appearance (D113493)	White or light yellow powder or crystal	White or light yellow powder or crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager