

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-09 16:52:42
 Date of Next Testing: 2029-10-08 16:52:42
 Product Name: **2,5-Difluorophenylhydrazine hydrochloride**
 CAS Number: 175135-73-6
 Specifications & Purity: $\geq 98\%$
 Lot #: I2524323
 SKU #: **D102570**
 Version: **3**
 Analysis #: **521242**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	205-212 (°C)	210.43000 °C
Purity(HPLC)	98-100 (%)	100.00000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	102.45000 %
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D102570)	Pale cream to Pale yellow to brown Powder or chunk	Pale cream to Pale yellow to brown Powder or chunks



John Su
QA & QC Manager