

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 17:30:07
 Date of Next Testing: 2027-05-03 17:30:07
 Product Name: **4,5-Difluoro-1,2-phenylenediamine**
 CAS Number: 76179-40-3
 Specifications & Purity: $\geq 97\%$
 Lot #: D2324459
 SKU #: **D122657**
 Version: **0**
 Analysis #: **207611**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	129-134 (°C)	132.38000 °C
Purity(Nonaqueous Titration)	96.5-103.5 (%)	101.86000 %
Purity(GC)	97-100 (%)	97.78700 %
Appearance (D122657)	White to brown to black powder、crystals or chunks	White to brown to black powder、crystals or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager