

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-14 10:09:01
 Date of Next Testing: 2027-12-13 10:09:01
 Product Name: **4-Chloro-2-fluoroaniline**
 CAS Number: 57946-56-2
 Specifications & Purity: $\geq 98\%$
 Lot #: D1611072
 SKU #: **C122487**
 Version: **2**
 Analysis #: **304273**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.559-1.562	1.56110
Purity(GC)	98-100 (%)	98.23400 %
Density (20°C)	1.331-1.335	1.33500
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.30000 %
Appearance (C122487)	Colorless to Yellow to Brown to Red Liquid	Colorless to Yellow to Brown to Red Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager