

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-18 15:06:28
Date of Next Testing: 2026-07-17 15:06:28
Product Name: **2,4-Difluorophenylhydrazine hydrochloride**
CAS Number: 51523-79-6
Specifications & Purity: 98%
Lot #: C2331174
SKU #: **D102569**
Analysis: 114156

Parameter	Limit Values	Result
Elemental Analysis	35.8-41 (%)	37.40 %
Carbon by Elemental Analysis	38.5-41.3 (%)	39.20 %
Nitrogen by Elemental Analysis	15-16.1 (%)	15.33 %
Purity(Neutralization titration)	96.5-103.5 (%)	97.20 %
Melting point	245-248 (°C)	246.30000 °C
Appearance (D102569)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Very faint turbidity(Methanol)	pass	Pass



John Su
QA & QC Manager