

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 #: J1430013
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