

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-14 17:08:22
Date of Next Testing: 2027-07-13 17:08:22
Product Name: **2,3-Difluorophenylacetonitrile**
CAS Number: 145689-34-5
Specifications & Purity: 97%
Lot #: G23111069
SKU #: **D120838**
Analysis: **190730**

| Parameter | Limit Values | Result |
|-------------------------------------|--|--|
| Purity(GC) | 97-100 (%) | 99.59% |
| Refractive index n ₂₀ /D | 1.482-1.486 | 1.48 |
| Density (20°C) | 1.252-1.256 | 1.25 |
| Appearance (D120838) | Colorless to Light orange to Yellow to Green to Brown liquid | Colorless to Light orange to Yellow to Green to Brown liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager