

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-16 15:55:11

Date of Next Testing: 2027-05-15 15:55:11

Product Name: **2,4-Difluorotoluene**

CAS Number: 452-76-6

Specifications & Purity:  $\geq 99\%$

Lot #: E2312176

SKU #: **D120697**

Version: **1**

Analysis #: **173955**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                                           | Result                                                 |
|------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Refractive index n <sub>20/D</sub> | 1.447-1.451                                            | 1.44850                                                |
| Purity(GC)                         | 99-100 (%)                                             | 99.85600 %                                             |
| Appearance (D120697)               | Colorless to Light yellow to Light orange clear liquid | Colorless to Light yellow to Light orange clear liquid |
| Proton NMR spectrum                | Conforms to structure                                  | Conforms to Structure                                  |



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QA & QC Manager