

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-19 11:32:28

Date of Next Testing: 2028-12-18 11:32:28

Product Name: **1-Ethyl-3,5-difluorobenzene**

CAS Number: 117358-52-8

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: L2413161

SKU #: **E156301**

Version: **0**

Analysis #: **452657**

Storage Temperature: Room temperature

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 98-100 (%)                 | 98.99100 %                 |
| Refractive index n <sub>20</sub> /D | 1.45-1.454                 | 1.45210                    |
| Density (20°C)                      | 1.088-1.092                | 1.09000                    |
| Appearance (E156301)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager