

## Certificate of Analysis

Date of Testing: 2024-07-08 15:44:27  
Date of Next Testing: 2026-07-08 15:44:27  
Product Name: **5-Bromo-2,4-difluorotoluene**  
CAS Number: 159277-47-1  
Specifications & Purity: 98%  
Lot #: L2015014  
SKU #: **B131771**  
Version: **0**  
Analysis #: **383090**

| Parameter              | Limit Values                     | Result                           |
|------------------------|----------------------------------|----------------------------------|
| Purity(GC)             | 98-100 (%)                       | 98.20 %                          |
| Appearance (B131771)   | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Phosphorus NMR Spectra | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum    | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager