

## Certificate of Analysis

Date of Testing: 2023-04-12 11:57:17  
Date of Next Testing: 2027-04-11 11:57:17  
Product Name: **Tetrabutylammonium Difluorotriphenylsilicate**  
CAS Number: 163931-61-1  
Specifications & Purity: >97.0%(T)  
Lot #: F1921047  
SKU #: **T162452**  
**Analysis:** **209651**  
Storage Temperature: Argon charged,Desiccated

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(NonaqueousTitration)    | 97-100 (%)            | 97.01 %               |
| Nitrogen by Elemental Analysis | 2.5-2.7 (%)           | 2.59 %                |
| Carbon by Elemental Analysis   | 73-78.3 (%)           | 75.57 %               |
| Appearance (T162452)           | white powder or solid | white powder or solid |
| Proton NMR spectrum            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager