

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-11-07 15:54:11  
Date of Next Testing: 2026-10-28 15:54:11  
Product Name: **Bis(trifluoromethane)sulfonimide**  
CAS Number: 82113-65-3  
Specifications & Purity:  $\geq 95\%$   
Lot #: J2431084  
SKU #: **B106753**  
Version: **0**  
Analysis #: **423355**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                        | Limit Values                                                 | Result                                                       |
|----------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Purity(Neutralization titration) | 94.5-105.5 (%)                                               | 99.71000 %                                                   |
| Melting point                    | 46-57 (°C)                                                   | 52.33000 °C                                                  |
| Fluorine NMR Spectrum            | Conforms to Structure                                        | Conforms to Structure                                        |
| Proton NMR spectrum              | Conforms to Structure                                        | Conforms to Structure                                        |
| Appearance (B106753)             | Colorless to White to brownish Crystals or Crystalline Solid | Colorless to White to brownish Crystals or Crystalline Solid |



John Su  
QA & QC Manager