

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-06 15:34:06  
Date of Next Testing: 2026-06-05 15:34:06  
Product Name: **N-Fluoro-N'-(chloromethyl)triethylenediamine Bis(tetrafluoroborate)**  
CAS Number: 140681-55-6  
Specifications & Purity: 95%  
Lot #: E2225121  
SKU #: **S101457**  
**Analysis:** **062677**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                      | Limit Values                             | Result                                   |
|--------------------------------|--|--|
| Purity(Titration by 0.1M NaOH) | 94.5-105.5 (%)                           | 98.02 %                                  |
| Appearance (S101457)           | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Proton NMR spectrum            | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager