

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-07-12 16:02:08

Date of Next Testing: 2026-07-11 16:02:08

Product Name: **Triphenylsulfonium perfluoro-1-butanesulfonate**

CAS Number: 144317-44-2

Specifications & Purity:  $\geq 99\%$

Lot #: G2301505

SKU #: **T167308**

Version: **1**

Analysis #: **238442**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter           | Limit Values                            | Result                                  |
|---------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)   | 99-100 (%)                              | 99.81600 %                              |
| Melting point       | 84-88 (°C)                              | 86.73000 °C                             |
| Appearance(T167308) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| Proton NMR spectrum | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager