

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 16:14:26

Date of Next Testing: 2027-09-18 16:14:26

Product Name: **p-Toluenesulfonyl fluoride**

CAS Number: 455-16-3

Specifications & Purity:  $\geq 98\%$

Lot #: C2205407

SKU #: **I170441**

Version: **0**

Analysis #: **573675**

Storage Temperature: Room temperature, Argon charged

| Parameter            | Limit Values                                                                            | Result                                                                                  |
|----------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Purity(GC)           | 98-100 (%)                                                                              | 98.00 %                                                                                 |
| Melting point        | 37-44 (°C)                                                                              | 39.49800 °C                                                                             |
| Appearance (I170441) | White to Off-White to cream to yellow Crystals or powder or crystalline powder or lumps | White to Off-White to cream to yellow Crystals or powder or crystalline powder or lumps |
| Proton NMR spectrum  | Conforms to Structure                                                                   | Conforms to Structure                                                                   |



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