

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-30 11:33:40

Date of Next Testing: 2028-03-19 11:33:40

Product Name: **p-Toluenesulfonyl chloride(PTSC)**

CAS Number: 98-59-9

Specifications & Purity:  $\geq 97\%$

Lot #: C2627187

SKU #: **T683888**

Version: **1**

Analysis #: **683094**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                  | Limit Values                                    | Result                                          |
|------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Melting point                                              | 67-71 (°C)                                      | 69.47000 °C                                     |
| Purity(GC)                                                 | 97-100 (%)                                      | 99.78100 %                                      |
| Appearance(T683888)                                        | White to Off-White Crystals, Powder or Granular | White to Off-White Crystals, Powder or Granular |
| Infrared spectrum                                          | Conforms to Structure                           | Conforms to Structure                           |
| Solubility in EtOH , Colorless to Light Yellow, Clear, 10% | pass                                            | Pass                                            |



John Su  
QA & QC Manager