

## Certificate of Analysis

Date of Testing: 2025-06-30 16:34:27

Date of Next Testing: 2029-06-29 16:34:27

Product Name: **4-tert-Butylbenzenesulfonyl chloride**

CAS Number: 15084-51-2

Specifications & Purity:  $\geq 98\%$

Lot #: I2116155

SKU #: **T123537**

Version: **0**

Analysis #: **525942**

Storage Temperature: Protected from light, Argon charged

| Parameter            | Limit Values                                                                    | Result                                                                          |
|----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Purity(GC)           | 98-100 (%)                                                                      | 99.83 %                                                                         |
| Melting point        | 78-84 (°C)                                                                      | 78.60000 °C                                                                     |
| Appearance (T123537) | White to Off-white to Light yellow to Light orange Crystals, Powder or Granular | White to Off-white to Light yellow to Light orange Crystals, Powder or Granular |
| Proton NMR spectrum  | Conforms to Structure                                                           | Conforms to Structure                                                           |



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