

CERTIFICATE OF ANALYSIS

(Certificate No. KMK007046-01)

Release Date: 11/04/2025

Re-test Date: 10/04/2028

P-TOLUENE SULFONYL CHLORIDE

Identification

Chemical Name :

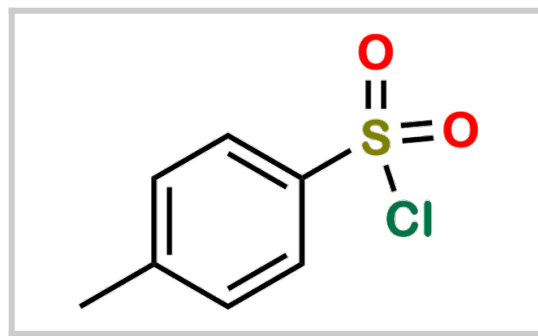
4-Methylbenzenesulfonyl chloride

CAT No. : KMK007046

CAS No. : 98-59-9

Molecular Formula : C₇H₇ClO₂S

Molecular Weight : 190.7



Analytical Information

Batch No. : PTSCL-030-136

Description : White Solid

HPLC Purity : 99.91 %

Weight Loss By TGA : 1.01 %

% Potency : 98.9 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.01(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 98.9 %
-Re-tested on 11.04.2025

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------|-----------|------------|
| Prepared By | Analytical | Parag Patel | | 21/04/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 21/04/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA