

# **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 :**

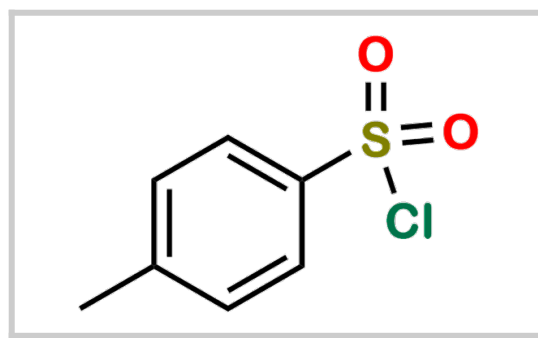
4-Methylbenzenesulfonyl chloride

**CAT No.** : KMK007046

**CAS No.** : 98-59-9

**Molecular Formula** : C<sub>7</sub>H<sub>7</sub>ClO<sub>2</sub>S

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA