

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001303-01)

Release Date: 13/10/2025

Re-test Date: 12/10/2028

## METHYL PARA TOLUENE SULFONATE

### Identification

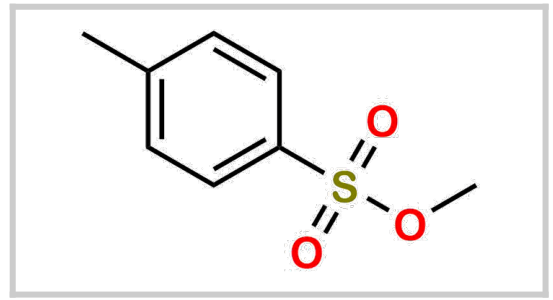
**Chemical Name :**  
Methyl 4-methylbenzenesulfonate

**CAT No.** : KMM001303

**CAS No.** : 80-48-8

**Molecular Formula** : C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>S

**Molecular Weight** : 186.2



### Analytical Information

**Batch No.** : METHYL-4ME-030-021

**Description** : Colorless liquid

**HPLC Purity** : 97.90 %

**Weight Loss By TGA** : 0.82 %

**% Potency** : 97.1 %

**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 - 0.82(Weight Loss By TGA)] x [97.90(HPLC Purity)]/100 = 97.1 %

-Re-tested on 13.10.2025

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		15/10/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		15/10/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA