

CERTIFICATE OF ANALYSIS

(Certificate No. KMG042006-01)

Release Date: 25/04/2026

Re-test Date: 24/04/2029

P-TOLUENESULFONAMIDE

Identification

Chemical Name :
4-Methylbenzenesulfonamide

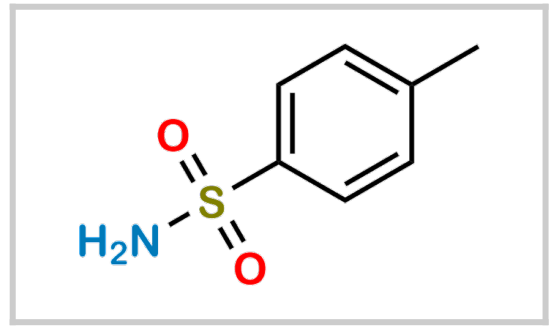
Alt. Name : p-Toluenesulfonamide (USP) ;
Gliclazide BP Impurity A

CAT No. : KMG042006

CAS No. : 70-55-3

Molecular Formula : C₇H₉NO₂S

Molecular Weight : 171.2



Analytical Information

Batch No. : PTSAD-045-315

Description : White Solid

HPLC Purity : 99 %

Weight Loss By TGA : 0.20 %

% Potency : 98.8 %

Solubility : ACN

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 - 0.20(Weight Loss By TGA)] x [99(HPLC Purity)]/100 = 98.8 %
-Re-tested on 25.04.2026

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 25/04/2026 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 25/04/2026 |

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA