CERTIFICATE OF ANALYSIS

(Certificate No. KMG042006-01)

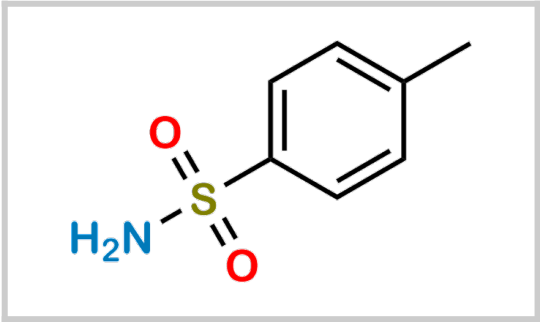
Release Date: 25/04/2026 **Re-test Date:** 24/04/2029

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	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99 %	**IR**	: Confirm
Weight Loss By TGA	: 0.20 %	**1H NMR**	: Confirm
% Potency	: 98.8 %		

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, 1HNMR, IR and TGA