CERTIFICATE OF ANALYSIS

(Certificate No. KMS008013-01)

Release Date: 12/04/2025 **Re-test Date:** 11/04/2028

P-TOLUENESULFONIC ACID MONOHYDRATE

Identification

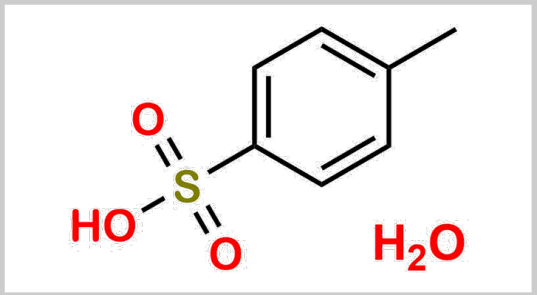
Chemical Name :
4-Methylbenzenesulfonic acid hydrate

CAT No. : KMS008013

CAS No. : 6192-52-5

Molecular Formula : C7H8O3S : H2O

Molecular Weight : 172.2 : 18.0



Analytical Information

Batch No.	: PTSA-030-142	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.91 %	**IR**	: Confirm
Weight Loss By TGA	: 2.33 %	**1H NMR**	: Confirm
% Potency	: 94.65 %		

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 - 2.33(Weight Loss By TGA)] x [96.91(HPLC Purity)]/100 = 94.65 %
-Re-tested on 12.04.2025

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