

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 :

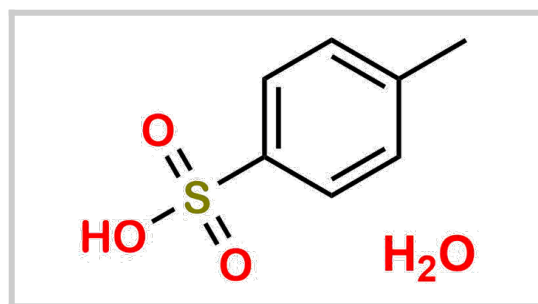
4-Methylbenzenesulfonic acid hydrate

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

Description : Off White Solid

HPLC Purity : 96.91 %

Weight Loss By TGA : 2.33 %

% Potency : 94.65 %

Solubility : Acetonitrile

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 - 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