CERTIFICATE OF ANALYSIS

(Certificate No. KMB046002-01)

Release Date: 01/12/2025 **Re-test Date:** 30/11/2028

Benzenesulfonic Acid

Identification

Chemical Name :
8-(4-Chlorobutyl)-8-azaspiro[4.5]decane-7,9-dione

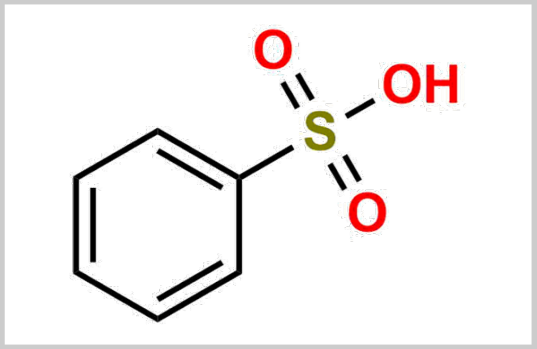
Alt. Name : Phenylsulfonic Acid

CAT No. : KMB046002

CAS No. : 98-11-3

Molecular Formula : C6H6O3S

Molecular Weight : 158.2



Analytical Information

Batch No. : B046002-114-037

Description : Light Brown Solid

HPLC Purity : 99.93 %

Weight Loss By TGA : 4.82 %

% Potency : 95.11 %

Solubility : Water

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 - 4.82(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 95.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/12/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA