

Certificate of Analysis

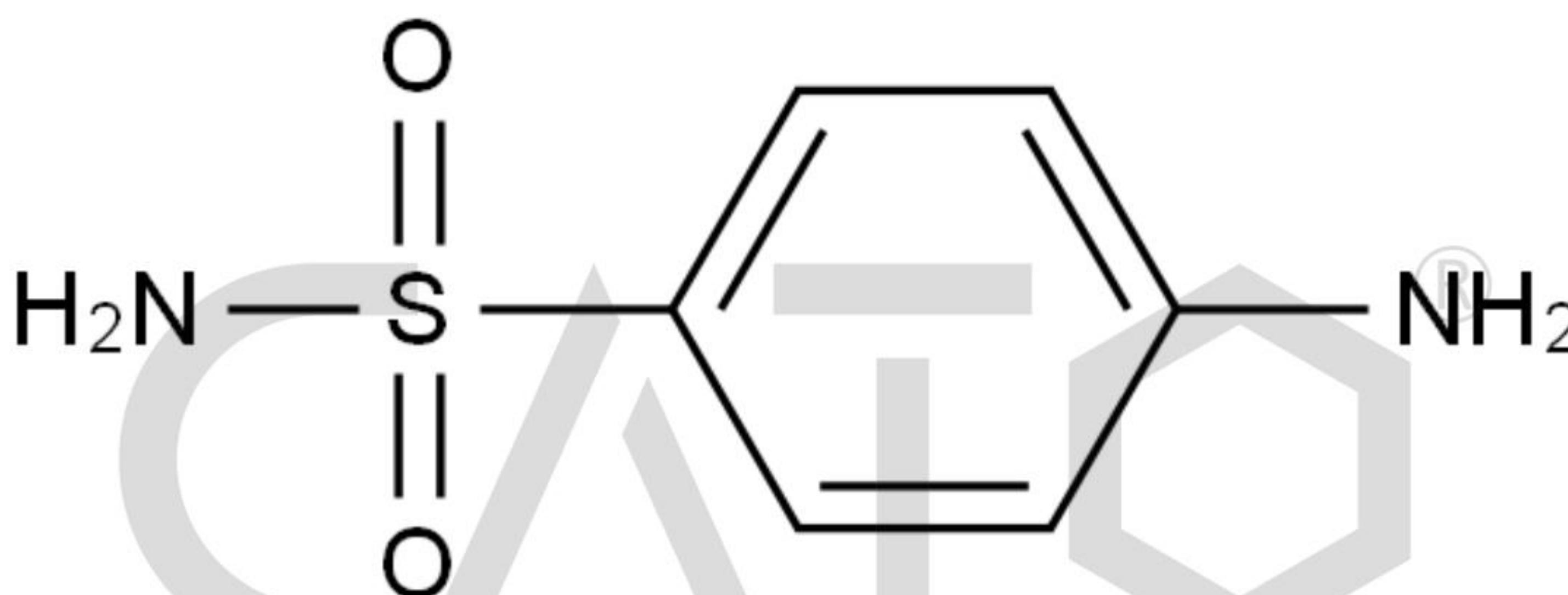
Reference Material & Standard

Product Name:	Sulfadimethoxine EP Impurity E	Catalogue Number:	C4X-15045
Synonyms:	N/A	Lot Number:	0108-RH-0007
CAS Number:	63-74-1	Expiry Date:	Jan 07, 2030
Molecular Formula:	C ₆ H ₈ N ₂ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	172.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.1707%
Residual Solvents	NMR	Not detected in NMR
Assay		99.8%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Jan 08, 2026

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