

Certificate of Analysis

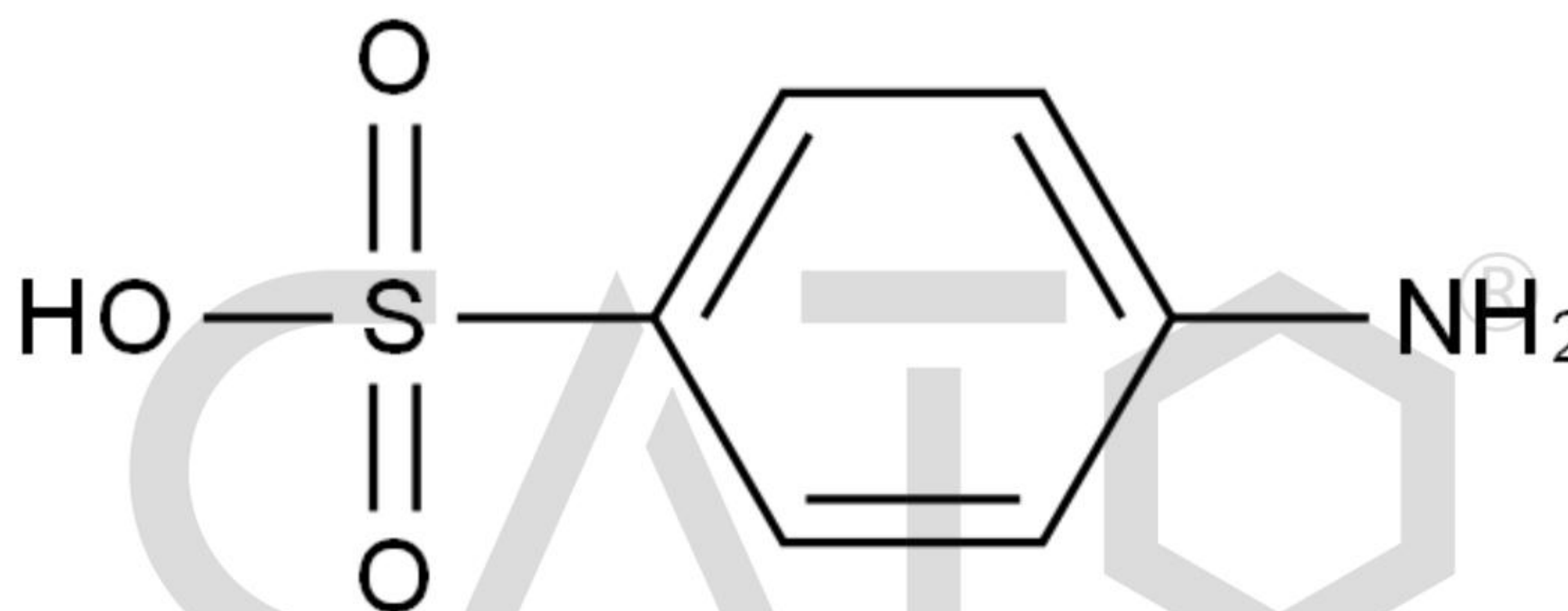
Reference Material & Standard

Product Name:	Sulfadimethoxine EP Impurity D	Catalogue Number:	C4X-15044
Synonyms:	Mesalazine Impurity O	Lot Number:	1210-RA-0005
CAS Number:	121-57-3	Expiry Date:	Jun 03, 2030
Molecular Formula:	C ₆ H ₇ NO ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	173.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.0850%
Residual Solvents	NMR	Not detected in NMR
Assay		99.9%

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:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 04, 2026

Date: Jun 05, 2026

Date: Jun 05, 2026



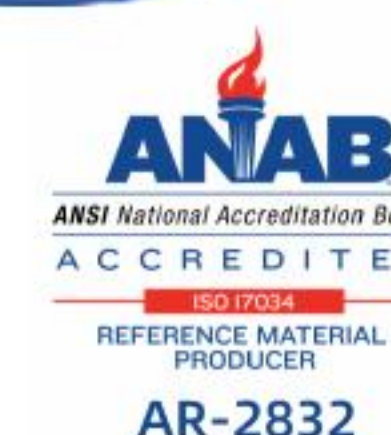
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