

Certificate of Analysis

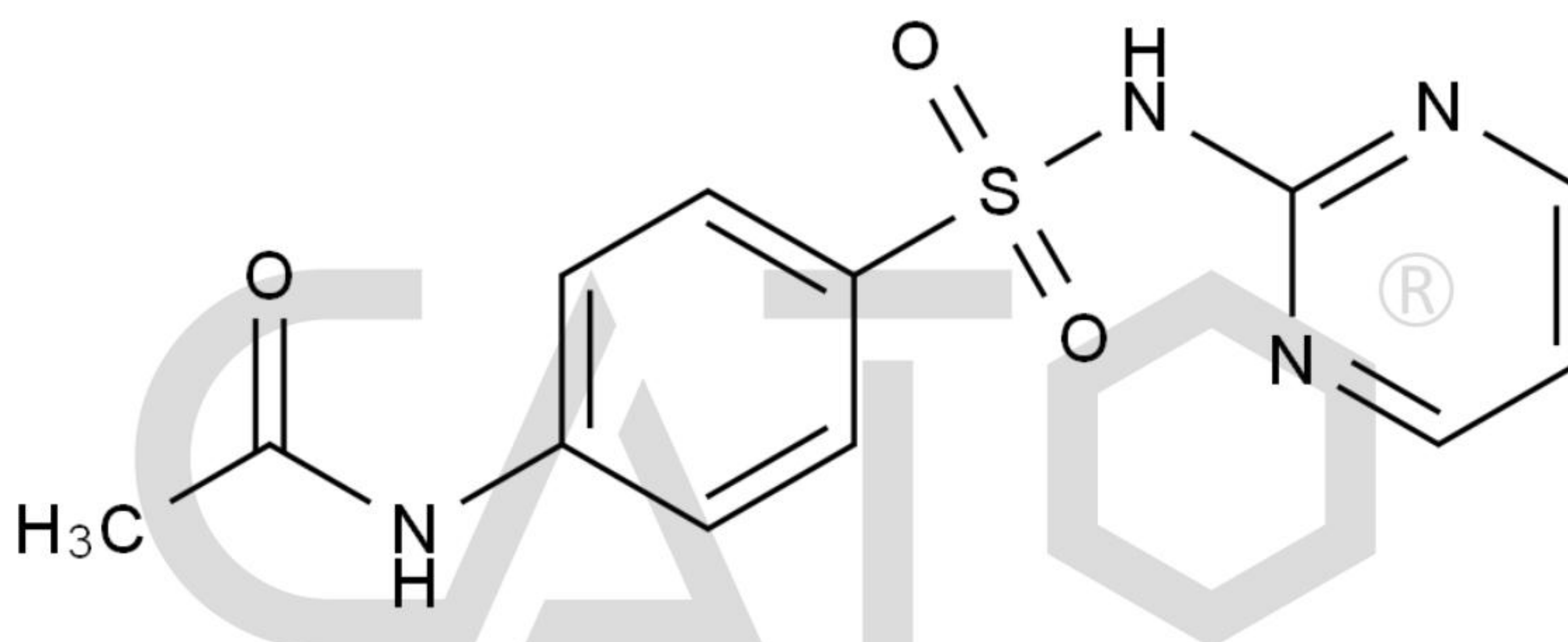
Reference Material & Standard

Product Name:	Sulfadiazine EP Impurity E	Catalogue Number:	C4X-25521
Synonyms:	N/A	Lot Number:	0114-RG-0062
CAS Number:	127-74-2	Expiry Date:	Jan 13, 2030
Molecular Formula:	C ₁₂ H ₁₂ N ₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	292.31	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.394%
Loss On Drying	TGA	3.2124%
Assay		96.2%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 14, 2026

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