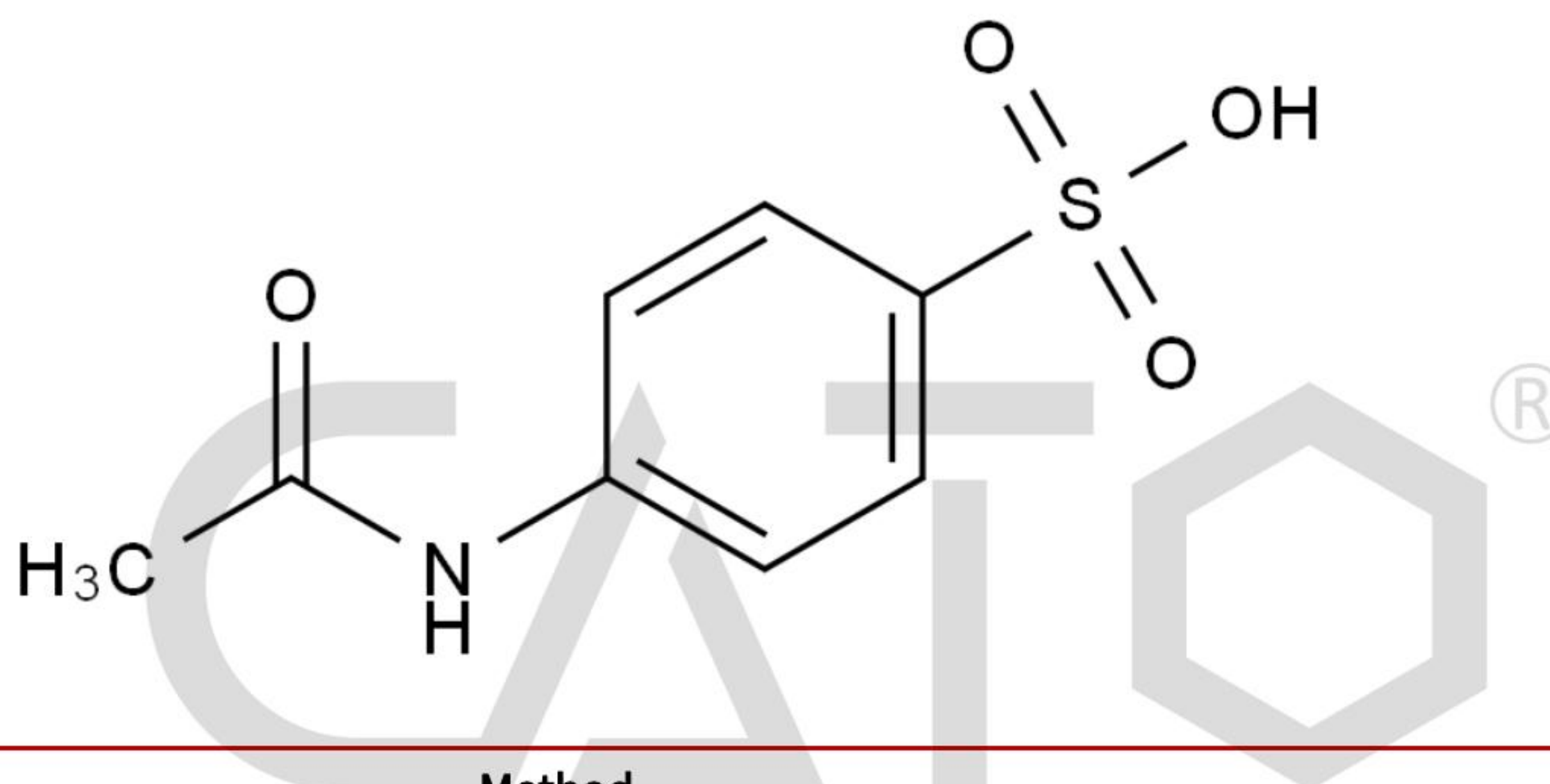


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfadimethoxine EP Impurity C	Catalogue Number:	C4X-15043
Synonyms:	N/A	Lot Number:	0717-RF-0037
CAS Number:	121-62-0	Expiry Date:	Jul 21, 2027
Molecular Formula:	C ₈ H ₉ NO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	215.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.215%
Loss On Drying	TGA	2.0851%
Assay		97.1%

Comment:

The calculation of the 100% 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: Jul 22, 2024

Date: Jul 22, 2024

Date: Jul 22, 2024

