

Certificate of Analysis

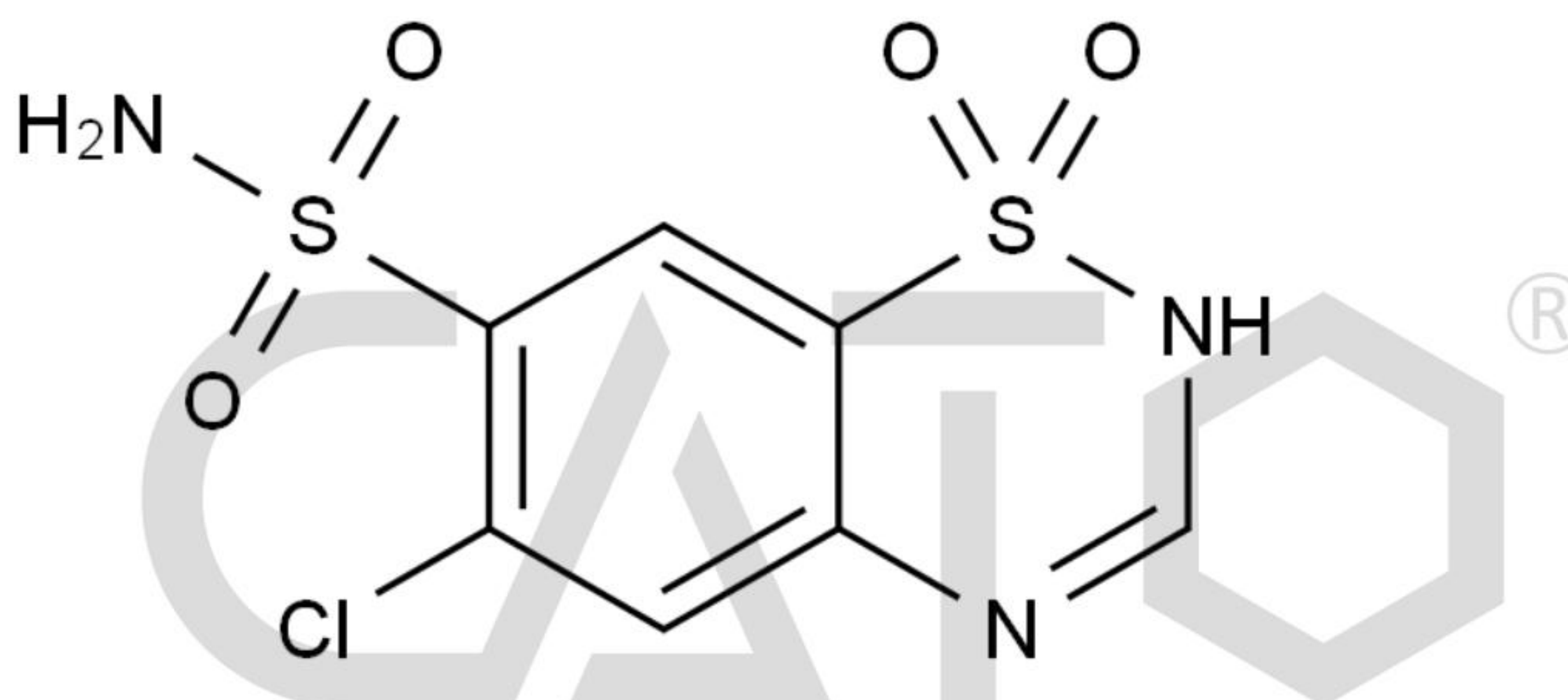
Reference Material & Standard

Product Name:	Hydrochlorothiazide EP Impurity A	Catalogue Number:	C4X-11771
Synonyms:	N/A	Lot Number:	1030-RB-0008
CAS Number:	58-94-6	Expiry Date:	Sep 27, 2029
Molecular Formula:	C ₇ H ₆ ClN ₃ O ₄ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	295.72		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.4909%
Loss On Drying	TGA	0.0738%
Assay		97.4%

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:

Lisa

Approved by General Manager:

David

Date: Sep 28, 2025

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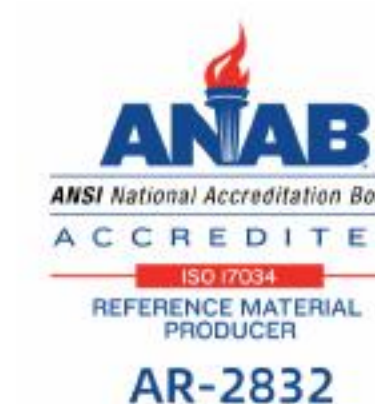
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