

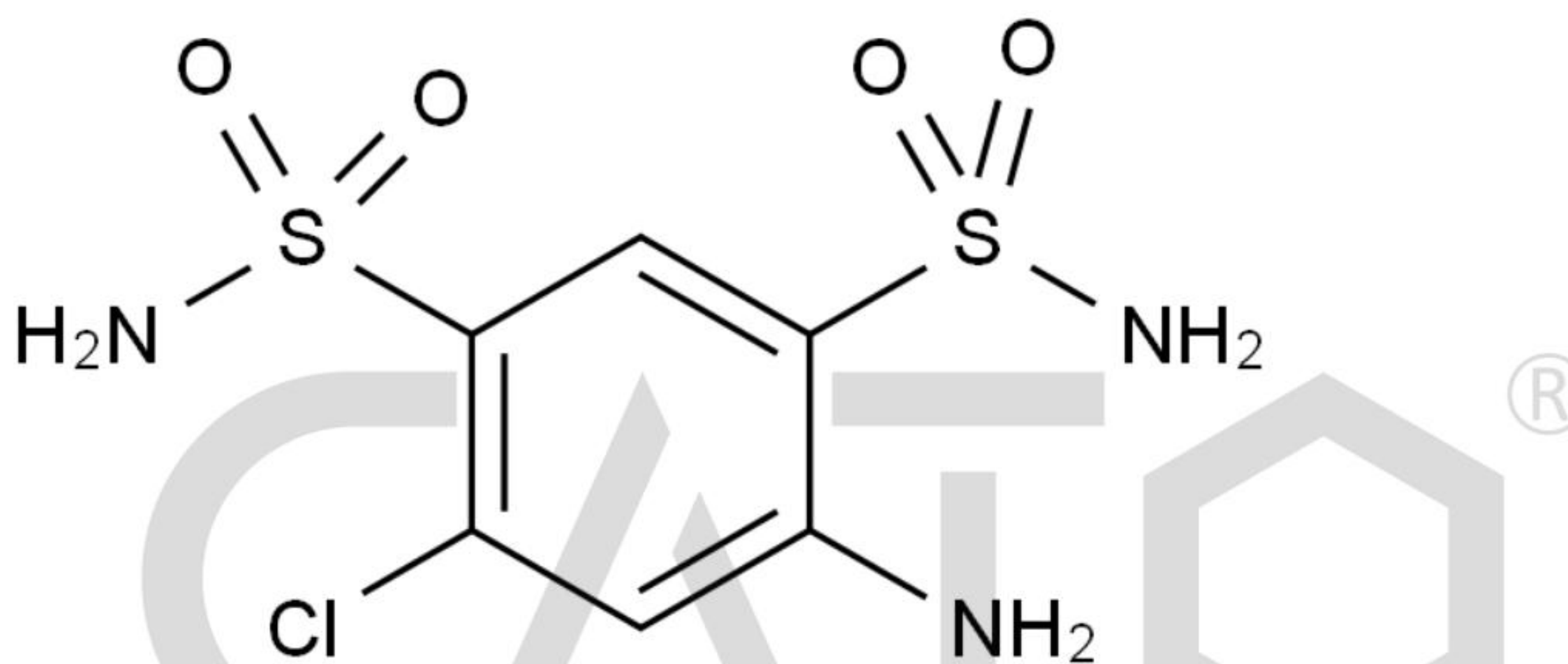
Certificate of Analysis

Reference Material & Standard

Product Name:	Hydrochlorothiazide EP Impurity B	Catalogue Number:	C4X-11772
Synonyms:	Hydrochlorothiazide USP RC A	Lot Number:	1101-RC-0006
CAS Number:	121-30-2	Expiry Date:	Aug 21, 2027
Molecular Formula:	C ₆ H ₈ ClN ₃ O ₄ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	285.73	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0515%
Assay		99.9%

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: Aug 22, 2024

Date: Aug 22, 2024

Date: Aug 22, 2024

