

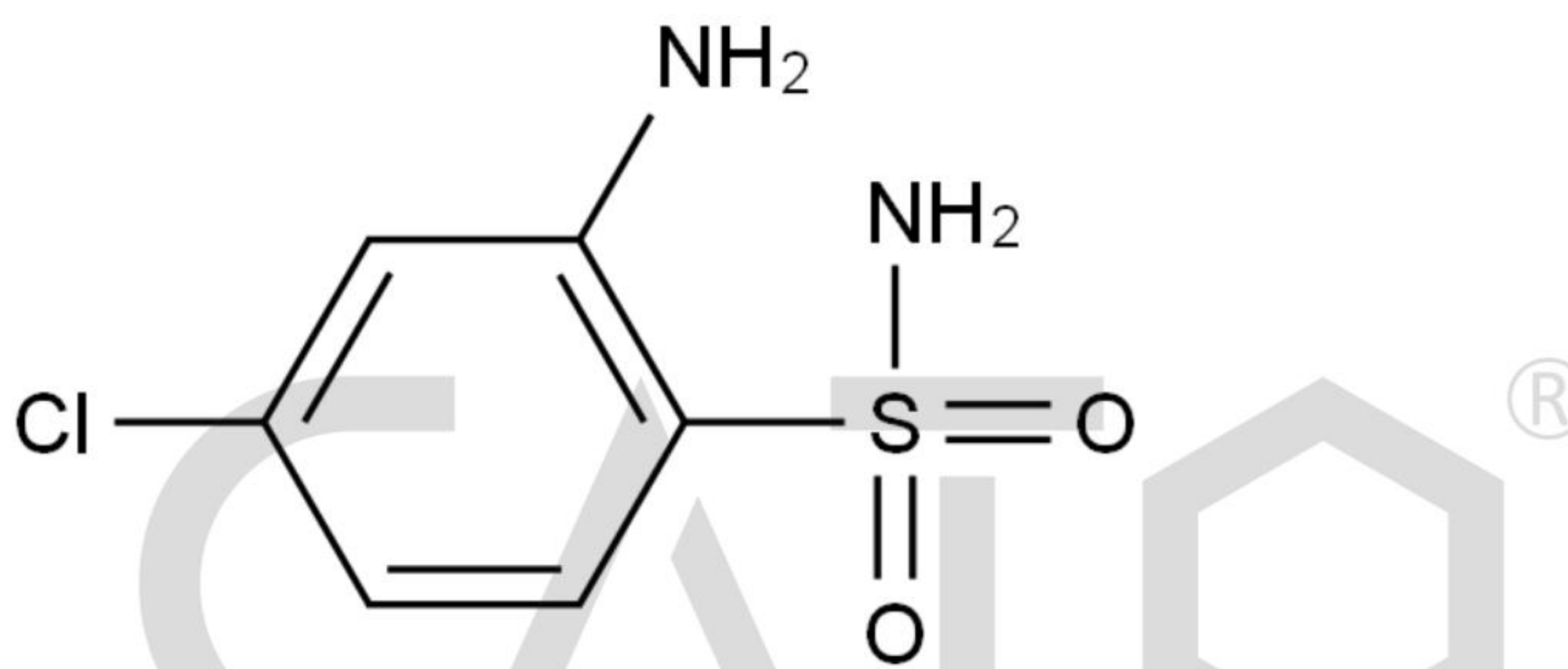
Certificate of Analysis

Reference Material & Standard

Product Name:	Hydrochlorothiazide Impurity N8	Catalogue Number:	CP136484
Synonyms:	N/A	Lot Number:	0224-RG-0036
CAS Number:	4140-83-4	Expiry Date:	Mar 02, 2028
Molecular Formula:	C ₆ H ₇ ClN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	206.65	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.204%
Loss On Drying	TGA	0.4826%
Assay		98.7%

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: Mar 03, 2025

Date: Mar 03, 2025

Date: Mar 03, 2025

