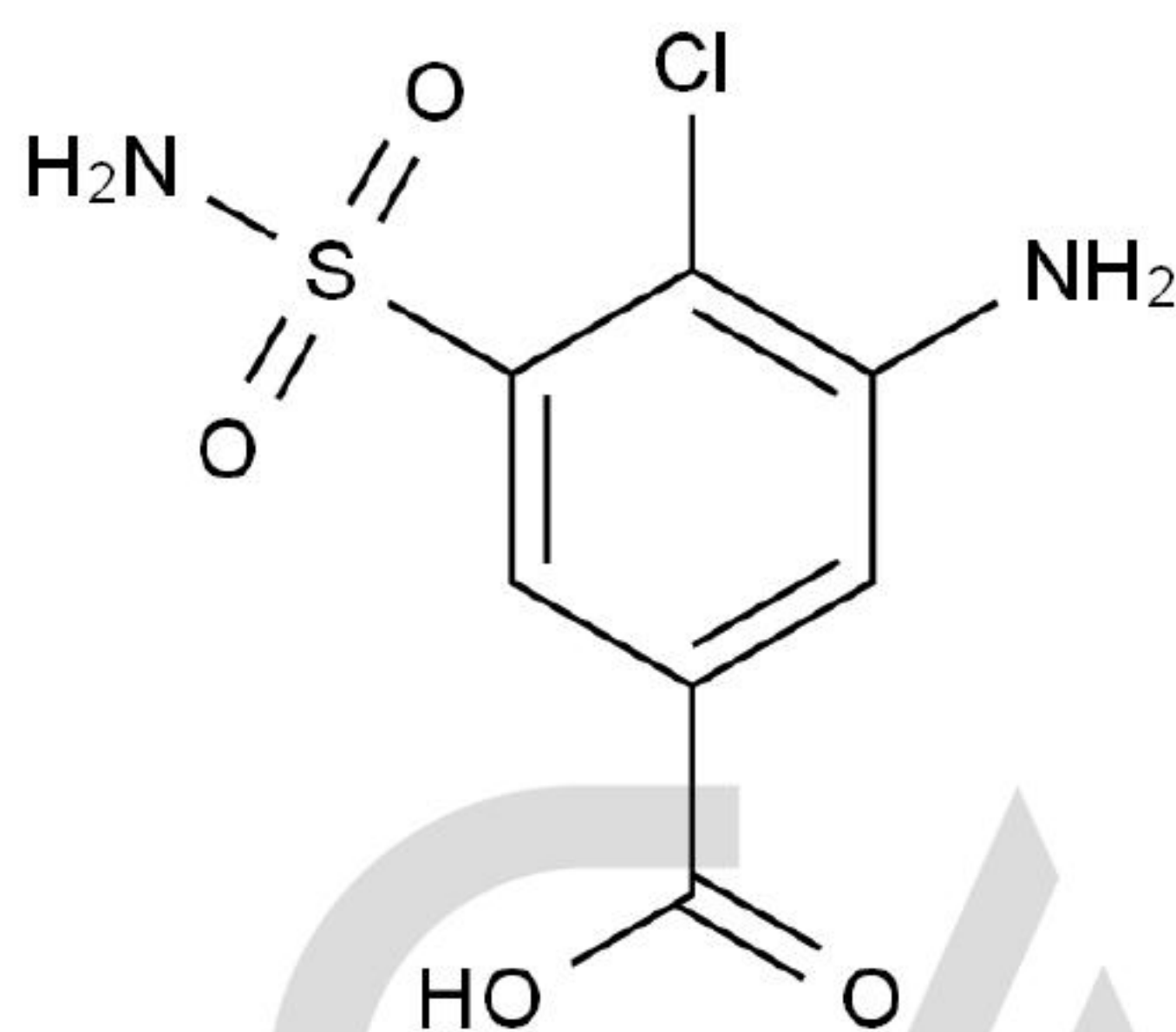


Certificate of Analysis

Reference Material

Product Name:	Bumetanide Impurity 8	Catalogue Number:	C4X-19868
Chemical Name:	N/A	Lot Number:	0913-RE-0043
CAS Number:	25317-76-4	Expiry Date:	Sep 12, 2026
Molecular Formula:	C ₇ H ₇ ClN ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	250.66		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5%
Assay	qNMR	90.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Sep 13, 2023

Date: Sep 19, 2023

Date: Sep 19, 2023

