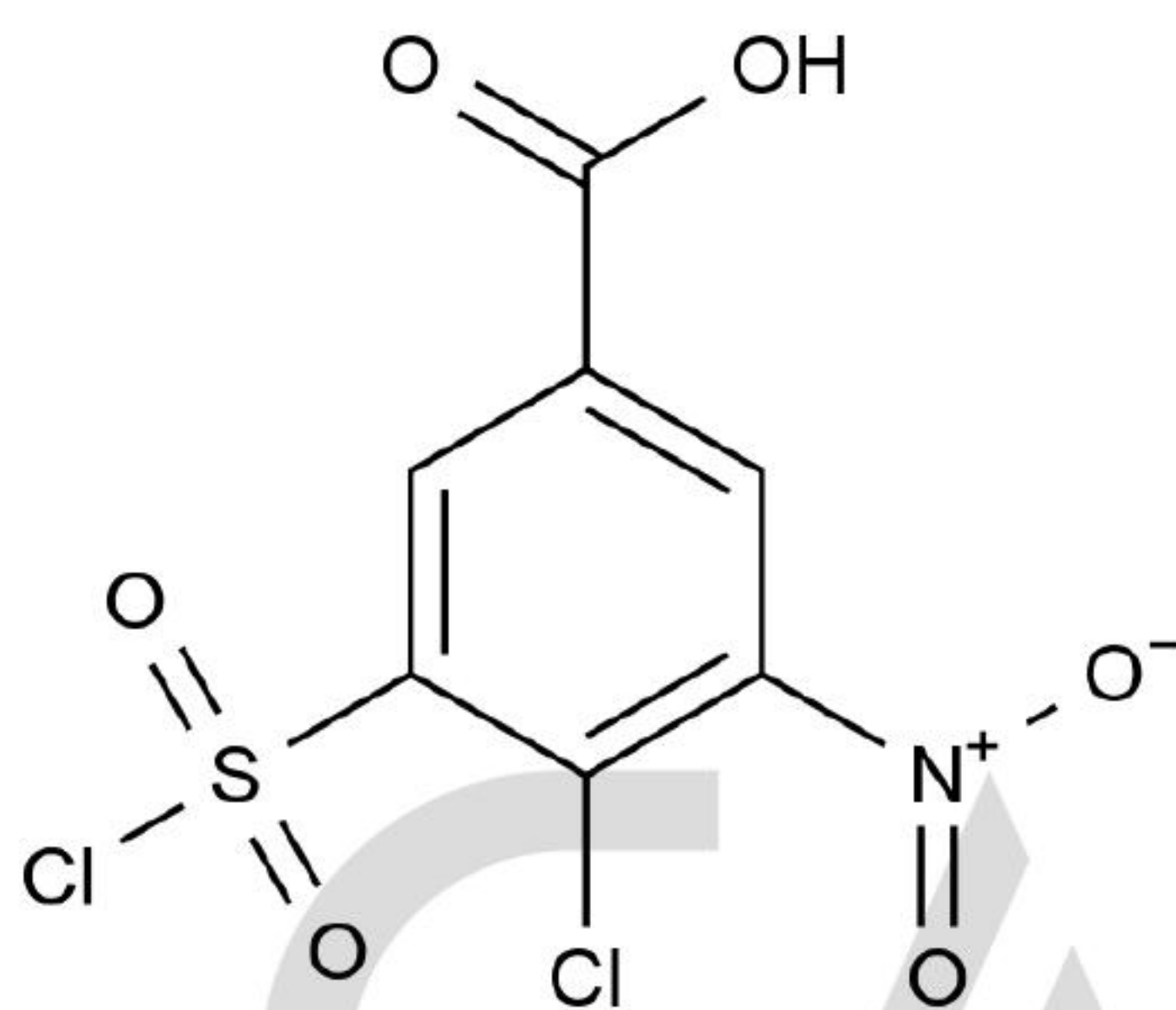


Certificate of Analysis

Reference Material

Product Name:	Bumetanide Impurity 32	Catalogue Number:	C4X-198632
Chemical Name:	N/A	Lot Number:	0425-RE-0070
CAS Number:	22892-95-1	Expiry Date:	May 10, 2025
Molecular Formula:	C ₇ H ₃ Cl ₂ NO ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.07		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	87.380%
Loss On Drying	TGA	0.0062%
Assay		87.4%

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:

Hin lam

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: May 11, 2023

Date: May 12, 2023

Date: May 12, 2023

