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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

Product Name: Furosemide EP Impurity A

Identification:

Chemical Name: 2-Chloro-4-(furan-2-ylmethylamino)-5-sulfamoylbenzoic acid (as per EP & USP)

Synonyms : Furosemide USP Related
Compound A ; IsoFurosemide ;
Isolasix

CAS Number : 4818-59-1

CAT Number : CP-F25001

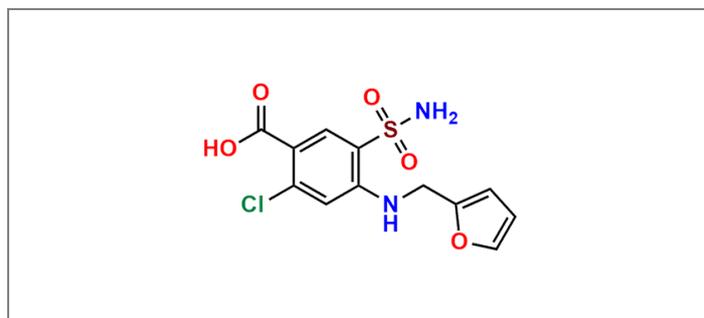
Molecular Formula : C₁₂H₁₁ClN₂O₅S

Molecular Weight : 330.74

Batch Number : CP-FUR-A-0725

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.84%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.122%
8)	Potency by TGA	98.72%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.