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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Furosemide EP Impurity D**

### Identification:

Chemical Name: 2,4-Bis[(furan-2-ylmethyl)amino]-5-sulfamoylbenzoic acid

Synonyms : NA

CAS Number : 5046-19-5

CAT Number : CP-F25006

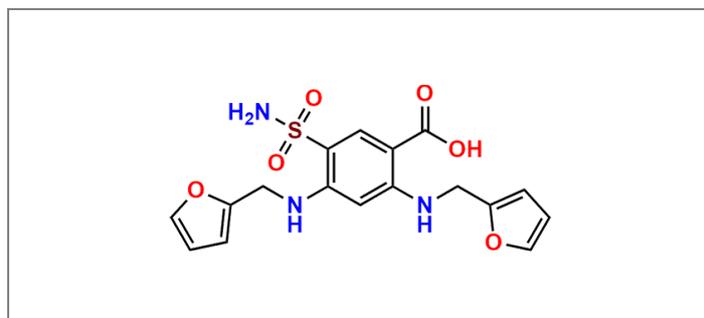
Molecular Formula : C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub>S

Molecular Weight : 391.40

Batch Number : CP-FUR-D-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	Brown Solid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.20%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.079%
8)	Potency by TGA	97.12%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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