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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

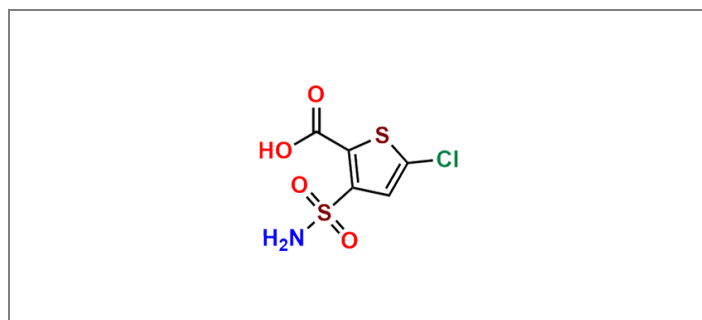
Re-test Date: Mar 2028

**Product Name: Lornoxicam Impurity 2**

### Identification:

Chemical Name: 5-Chloro-3-sulfamoylthiophene-2-carboxylic acid

Synonyms : NA  
CAS Number : 1017791-22-8  
CAT Number : CP-L31010  
Molecular Formula : C<sub>5</sub>H<sub>4</sub>ClNO<sub>4</sub>S  
Molecular Weight : 241.66  
Batch Number : CP-LOR-02-0626



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 Spectrometry	Confirm to structure
4)	Purity By HPLC	99.40%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	0.461%
9)	Potency	98.94%

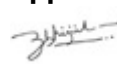


#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

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