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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2026

**Product Name: Metoclopramide EP Impurity F**

### Identification:

Chemical Name: 4-Amino-5-chloro-N-(2-(diethylamino)ethyl)-2-hydroxybenzamide hydrochloride

Synonyms : Metoclopramide BP  
Impurity F

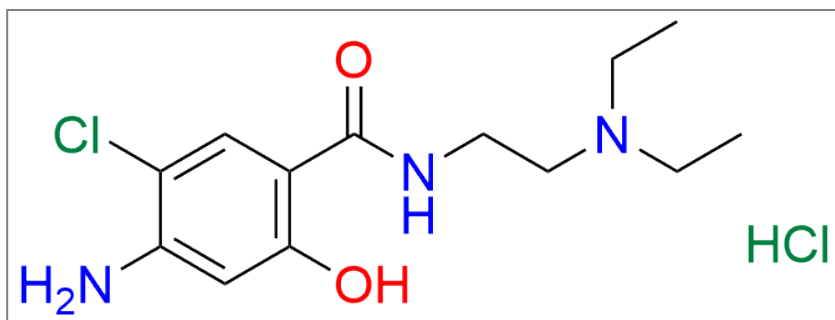
CAS Number : 38059-78-8

CAT Number : CP-M15009

Molecular Formula : C<sub>13</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>2</sub> : HCl

Molecular Weight : 285.8 : 36.5

Batch Number : CP-MET-F-0823



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	Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.17%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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