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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2022

Re-test Date: Oct 2025

**Product Name: Metoclopramide EP Impurity A**

### Identification:

Chemical Name: 4-(Acetylamino)-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide

Synonyms : Metoclopramide USP Related  
Compound A ; Metoclopramide  
BP Impurity A ; N-Acetyl  
Metoclopramide

CAS Number : 5608-13-9

CAT Number : CP-M15001

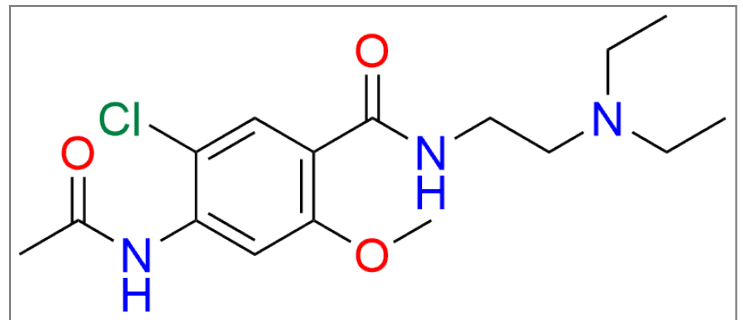
Molecular Formula : C<sub>16</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>

Molecular Weight : 341.83

Batch Number : CHEM-MPD-A

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	97.49%
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.