

## Certificate of Analysis

Date of Testing: 2023-10-13 11:36:13  
Date of Next Testing: 2026-10-12 11:36:13  
Product Name: **Metoclopramide hydrochloride**  
CAS Number: 7232-21-5  
Specifications & Purity:  $\geq 95\%$   
Lot #: L2015293  
SKU #: **B301383**  
Analysis: **282065**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48.9-51.1 (%)	49.60%
Water by Karl Fischer	0-7.5 (%)	0.57%
Nitrogen by Elemental Analysis	12.2-12.8 (%)	12.50%
Purity (Argentometric Titration)	94.5-105.5 (%)	97.61%
Appearance (B301383)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager