

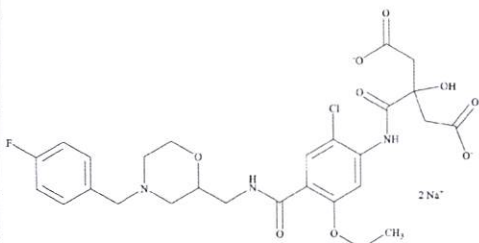
Certificate of Analysis

Certificate No.: **20230530021**



Date: May 30, 2023

Retest date: May 24, 2026

Compound Name: Mosapride Citric Amide Disodium Salt	
Synonyms:	3-((2-chloro-5-ethoxy-4-(((4-(4-fluorobenzyl)morpholin-2-yl)methyl)carbamoyl)phenyl)carbamoyl)-3-hydroxypentanedioate, sodium salt (1:2)
TLC Catalogue Number:	M-5427
CAS Number:	1215825-20-9 (free acid)
Molecular Weight:	593.99 2*22.99
Molecular Formula:	C ₂₇ H ₂₉ ClFN ₃ O ₉ . 2 Na
Source:	TLC Pharmaceutical Standards
Source Lot No.:	5632-044A5
Storage Conditions:	Hygroscopic, store at 2-8 °C
Solubility:	Methanol, Water



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	98.9%
Impurity (HPLC)	RT 19.67, 0.14%; RT 21.99, 0.40%; RT 23.10, 0.53%	
Water Content (KF)	N/A	2.8%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	96.1%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/01/2023
Approved by:	Quality Assurance		06/01/2023

Attachments: HPLC, IR, MS and NMR spectra.