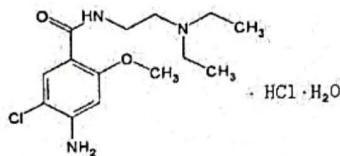


CERTIFICATE OF ANALYSIS

Product: Metoclopramide Hydrochloride

CAS No.: 54143-57-6



$C_{14}H_{22}ClN_3O_2, HCl, H_2O = 354.30$

Batch No.	D202312001	Specification	European Pharmacopoeia 10
Packing	25kgs/fibre drum	Manufacture Date	2023.12.24
Quantity	200kgs	Retest Date	2026.12.23

TESTS	SPECIFICATIONS	RESULTS
APPEARANCE	white or almost white, crystalline powder or crystals	White crystalline powder
	Very soluble in water, freely soluble in alcohol, sparingly soluble in methylene chloride mp: it melts at about 183°C with decomposition	Complies Complies
IDENTIFICATION	A: pH 4.5—6.0	pH =4.9
	B: IR: Comport with the reference	Complies
	D: the solution gives reaction(a) of chlorides	Complies
APPEARANCE OF SOLUTION	Clear and colourless	Complies
IMPURITY E	Any spot due to impurity E in the chromatogram obtained with the test solution is not more intense than the corresponding spot in the chromatogram obtained with the reference solution (0.5 per cent).	Complies
RELATED SUBSTANCES	Any other impurity: not more than 0.10%	0.06%
	Total: not more than 0.2%	0.10%
WATER	4.5~5.5%	4.67%
SULPHATED ASH	Not more than 0.1%	0.05%
ASSAY	99.0 – 101.0%	100.53%
RESIDUAL SOLVENT	METHANOL≤0.3%	0.01%
	ETHANOL≤0.5%	0.03%
	ACETONE≤0.5%	Not detected

It is hereby certified that the quality of medicinal is in conformity with the standards in the EP10.

