



Specification for Metoclopramide Hydrochloride, Monohydrate, USP (ME176)

Item Number	ME176
Item	Metoclopramide Hydrochloride, Monohydrate, USP
CAS Number	54143-57-6
Molecular Formula	$C_{14}H_{22}ClN_3O_2 \cdot HCl \cdot H_2O$
Molecular Weight	354.27
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.0	101.0 %
WATER DETERMINATION	4.5	6.0 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES:		
N-ACETYLMETOCLOPRAMIDE (METOCLOPRAMIDE RELATED CPD. A)		0.15 %
METHYL 4-ACETAMIDO-2-METHOXYBENZOATE (METOCLOPRAMIDE RELATED COMPOUND D)		0.15 %
N-ACETYL METHYL ESTER ANALOG (METOLOPRAMIDE RELATED COMPOUND B)		0.15 %
ANY OTHER INDIVIDUAL IMPURITY		0.10 %
TOTAL IMPURITIES		0.50 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR CHLORIDE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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