



**Specification for Diluted Hydrochloric Acid, 10 Percent (w/v),
NF (HY105)**

Item Number	HY105
Item	Diluted Hydrochloric Acid, 10 Percent (w/v), NF
CAS Number	
Molecular Formula	HCl
Molecular Weight	36.46
MDL Number	
Synonyms	Diluted Hydrochloric Acid

Test	Specification	
	Min	Max
ASSAY (HCl, w/v)	9.5	10.5 %
RESIDUE ON IGNITION		0.01 %
SULFATE	NO TURBIDITY OR PRECIPITATE	
SULFITE (SO ₃)	NO TURBIDITY OR DECOLORIZATION	
FREE BROMINE OR CHLORINE	NO VIOLET COLOR	
ELEMENTAL IMPURITIES:		
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
IDENTIFICATION	POSITIVE FOR CHLORIDE	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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