



**Specification for Hydrochloric Acid Solution, cGMP, 6.0 N,
bioCERTIFIED(TM) (H9803)**

Item Number	H9803
Item	Hydrochloric Acid Solution, cGMP, 6.0 N, bioCERTIFIED(TM)
CAS Number	
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (w/w)	5.95	6.05N
RESIDUE ON IGNITION (NF)		80 ppm
RESIDUE ON EVAPORATION (EP)		100 ppm
BROMIDE OR IODIDE (NF)		TO PASS TEST
FREE BROMINE OR CHLORINE (NF)		TO PASS TEST
FREE CHLORINE (EP)		4 ppm
Sulfate (SO ₄ , NF)		TO PASS TEST
SULFATE (SO ₄ , EP)		20 ppm
SULFITE (SO ₃ , NF)		TO PASS TEST
ELEMENTAL IMPURITIES		AS REPORTED
MICROBIAL CONTENT:		
TAMC		1000 CFU/g
TYMC		100 CFU/g
ENDOTOXINS		10 IU/g
IDENTIFICATION	TO PASS TEST	
RESIDUAL SOLVENTS		AS REPORTED
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000