



PRODUCTS SPECIFICATION SHEET
HYDROCHLORIC ACID
MEETS ACS GRADE MONOGRAPH

Catalog No: 284000ACS-Size Code*

*Individual package sizes have unique size codes

TEST	SPECIFICATION	TYPICAL RESULT
Assay	36.5 - 38.0%	37.5%
Color, APHA	10 max.	5
Residue after Ignition	5 ppm max.	<5ppm
Bromide (Br)	0.005% max.	<0.005%
Sulfate (SO ₄)	1 ppm max.	<1ppm
Sulfite (SO ₃)	1 ppm max.	<1ppm
Free Chlorine (Cl)	1 ppm max.	<1ppm
Ammonium (NH ₄)	3 ppm max.	<3ppm
Arsenic (As)	0.01 ppm max.	<0.01ppm
Heavy Metals (as Pb)	1 ppm max.	<1ppm
Iron (Fe)	0.2 ppm max.	<0.2ppm

Form Hydrochloric Acid, ACS, Rev. 2.6, 02/18, EF

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.