



PRODUCT SPECIFICATION SHEET

Hydrochloric Acid ACS Reagent Grade

Test	Specification	Typical Result
Assay	36.5-38.0%	37.1%
Color, APHA	10 max	5
Residue after Ignition	5 ppm max	1 ppm
Bromide (Br)	0.005% max	< 0.005%
Sulfate (SO ₄)	1 ppm max	0.2 ppm
Sulfite (SO ₃)	1 ppm max	0.2 ppm
Extractable Organic Substances	5 ppm max	< 5 ppm
Free Chlorine (Cl)	1 ppm max	< 1 ppm
Ammonium (NH ₄)	3 ppm max	1 ppm
Arsenic (As)	0.01 ppm max	0.0001 ppm
Heavy Metals (as Pb)	1 ppm max	0.2 ppm
Iron (Fe)	0.2 ppm max	0.05 ppm