



Technical Data Sheet Hydrochloric Acid (HCL)

Physical and Chemical Properties	Compliant Range	Product Range	Standard Reference
Concentration _ % W/W of HC	Min 30	33-31	ISIRI 209
Density at 20°C _ g/mL	Min 1.15	Min 1.15	ISIRI 209
Sulfate as SO ₄ ²⁻ _ ppm	Max 100	Max 50	ISIRI 209
Heavy Metals as Pb _ ppm	Max 2	Max 2	ISIRI 209
Free Chlorine and Bromine as Cl _ ppm	Max 2	Max 18 The parameter is adjustable to 0ppm according to customer request	ISIRI 209
Iron as Fe _ ppm	Max 5	Max 0.5	ISIRI 209
Sulfite as SO ₃ ²⁻ _ ppm	Max 50	Max 50	ISIRI 209
Arsenic as As _ ppm	Max 1	Max 1	ISIRI 209
Mercury as Hg _ ppm	Max 1	Max 0.25	ISIRI 209
Copper as Cu _ ppm	Max 1	Max 0.9	ISIRI 209
Lead as Pb _ ppm	Max 1	Max 1	ISIRI 209
Appearance	Clear, Free of Sediment and Suspended Particles	OK	ISIRI 209