



Iranian National Standards Organization **Collaborative Laboratory**





Hydrochloric Acid



Row	Physical and Chemical Properties	ISIRI Compliant Range	CCPC Product Range	Standard Reference
1	Concentration _% W/W of HCl	Min 30	30-33	ISIRI 209
2	Density at 20°C _ g/mL	Min 1.15	Min 1.15	ISIRI 209
3	Sulfate as SO ₄ ² ppm	Max 100	Max 50	ISIRI 209
4	Heavy Metals as Pb _ ppm	Max 2	Max 2	ISIRI 209
5	Free Chlorine and Bromine as Cl_ppm	Max 20	Max 18 The parameter is adjustable to 0ppm according to customer request	ISIRI 209
6	Iron as Fe_ppm	Max 5	Max 0.5	ISIRI 209
7	Sulfite as SO ₃ ² ppm	Max 50	Max 20	ISIRI 209
8	Arsenic as As _ ppm	Max 1	Max 1	ISIRI 209
9	Mercury as Hg ppm	Max 1	Max 0.25	ISIRI 209
10	Copper as Cu_ppm	Max 1	Max 0.9	ISIRI 209
11	Lead as Pb _ ppm	Max 1	Max 1	ISIRI 209
12	Appearance	Clear, Free of Sediment and Suspended Particles	ок	ISIRI 209

ISO 14001















The reference standards of this laboratory are in accordance with the national standards of Iran Institute of Standard and Industrial Research and would be traceable. The product specifications of Chloran Chemical Production Co. have been presented according to the periodic review of the results of the performed analyzes.

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