



CHLORAN CHEMICAL PRODUCTION COMPANY  
شرکت تولیدی شیمیایی کلران



NACI  
National Accreditation Center of Iran  
مرکز ملی تایید صلاحیت ایران  
Lab Accreditation Certificate  
in accordance with ISO 17025  
Certificate No.: NACI/Lab/494

Iranian National Standards Organization  
Collaborative Laboratory



ش 733685792



32/11437

## Hydrochloric Acid

Row	Physical and Chemical Properties	Compliant Range	CCPC Product Range	Standard Reference
1	Concentration _ % W/W of HCl	Min 30	31-33	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 50	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	OK	ISIRI 209

PRODUCT DETAILS



ISO 14001  
Standard edition: 2015



ISO 9001  
Standard edition: 2015



ISO 45001  
Standard edition: 2018



ISO 10004



ISO 10002



ISO 10015



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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