



KIMIA TEHRAN ACID  
کیمیا تهران اسید  
Tehranacid.ir

## Certificate of Analysis

### Hydrochloric Acid

Physical and Chemical Properties	Compliant Range	Product Range	Standard Reference
Concentration %w/w of HCl	Min 30	31-33	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 20	Max 18	ISIRI 209
Iron as Fe _ ppm	Max 5	Max 0.5	ISIRI 209
Sulfate 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

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[www.tehranacid.ir](http://www.tehranacid.ir)



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