



TECHNICAL DATA SHEET(TDS)

Hydrochloric Acid 37% Solution, Semiconductor Grade

Product Specifications (CAS# 7647-01-0)

Test	Specification	Typical Results
Appearance	Colorless and free from suspended matter/sediment	Pass
Assay	36.5 - 38.0%	37.31%
Color	Max 10 (APHA)	5 (APHA)
Residue after Ignition	Max 5 ppm	1 ppm
Bromide (Br)	Max 0.005%	<0.005%
Sulfate (SO ₄)	Max 1 ppm	0.2 ppm
Sulfite (SO ₃)	Max 1 ppm	0.2 ppm
Extractable Organic Substances	Max 5 ppm	<5 ppm
Free Chlorine (Cl)	Max 1 ppm	<1 ppm
Ammonium (NH ₄)	Max 3 ppm	1 ppm
Arsenic (As)	Max 0.01 ppm	0.0001 ppm
Heavy Metals (as Pb)	Max 1 ppm	0.2 ppm
Iron (Fe)	Max 0.2 ppm	0.05 ppm

Appropriate/legal use of this product is the responsibility of the user.

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