



TECHNICAL DATA SHEET(TDS)

Hydrochloric Acid 37% Solution, ACS Reagent Grade

Product Specifications (CAS# 7647-01-0)

Test	Specification	Typical Results
Hydrochloric Acid Assay	36.5 - 38.0%	37.33%
Color (APHA)	Max. 10	5
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
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 (by ICP-OES)	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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Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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