LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Hydrochloric Acid 37% Solution, Semiconductor Grade
Item Number: HCLS37
CAS#: 7647-01-0
Grade: Semiconductor
Lot Number: 5002500/1.1
Manufacture Date: 07/23/2026
Retest Date : 07/22/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Colorless and free from suspended matter/sediment	Pass
Assay	36.5 - 38.0%	37.24%
Color	Max 10 (APHA)	5 (APHA)
Residue after Ignition	Max 5 ppm	1 ppm
Bromide (Br)	Max 0.005%	<0.005%
Sulfate (SO4)	Max 1 ppm	0.2 ppm
Sulfite (SO3)	Max 1 ppm	0.2 ppm
Extractable Organic Substances	Max 5 ppm	<5 ppm
Free Chlorine (Cl)	Max 1 ppm	<1 ppm
Ammonium (NH4)	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

Store in a cool, dry, and well-ventilated environment.

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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