

### Certificate of Analysis

**Product: Hydrochloric Acid 37% Solution**

**Item Number: HCLS37**

**Grade: Semiconductor**

**Lot Number: 5001307/1.1**

**Manufacture Date: 02/28/2024**

**Expiration Date: 05/19/2026**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	36.5 - 38%	37.46
Color (APHA)	Max 10	<10
Residue after Ignition	Max 5 ppm	<5
Bromide (Br)	Max 0.005%	<0.005
Sulfate (SO <sub>4</sub> )	Max 1 ppm	<1
Sulfite (SO <sub>3</sub> )	Max 1 ppm	<1
Free Chlorine (Cl)	Max 1 ppm	<1
Ammonium (NH <sub>4</sub> )	Max 3 ppm	1
Arsenic (As)	Max 0.01 ppm	<0.01
Heavy Metals (as Pb)	Max 1 ppm	<1
Iron (Fe)	Max 0.2 ppm	<0.2

#### [Hydrochloric Acid 37% Solution](#)

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