

FICHA TECNICA

Ácido clorhídrico 36.5 - 38.0%, AR® ACS, Macron Fine Chemicals™



Management of Change (MOC) category = N

**Formula:** HCl

**MW:** 36.46 g/mol

**Boiling Pt:** 110 °C (1013 hPa)

**Mezcla Pt:** -30 °C

**Densidad:** 1.18 g/cm<sup>3</sup> (20 °C)

**Storage Temperature:** Ambiente

**MDL Number:** MFCD00011324

**Núm. CAS:** 7647-01-0

**EINECS:** 231-595-7

*Resultados test especificaciones*

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Meets ACS Reagent Chemical Requirements

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For Laboratory, Research, or Manufacturing Use

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ACS - Assay (HCl)

36.5 - 38.0 %

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Appearance

Passes Test

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ACS - Color (APHA)

$\leq 10$

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ACS - Ammonium (NH<sub>4</sub>)

$\leq 3$  ppm

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ACS - Arsenic (As)  $\leq 0.005$  ppm

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ACS - Bromide (Br)  $\leq 0.005$  %

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ACS - Extractable Organic Substances  $\leq 5$  ppm

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ACS - Free Chlorine (as Cl)  $\leq 1$  ppm

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ACS - Heavy Metals (as Pb)  $\leq 0.1$  ppm

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ACS - Residue after Ignition  $\leq 4$  ppm

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ACS - Sulfate (SO<sub>4</sub>)  $\leq 0.5$  ppm

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ACS - Sulfite (SO<sub>3</sub>)

≤ 0.8 ppm

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Trace Impurities - Aluminum (Al)

≤ 0.300 ppm

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Trace Impurities - Boron (B)

≤ 0.100 ppm

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Trace Impurities - Chromium (Cr)

≤ 0.200 ppm

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Trace Impurities - Copper (Cu)

≤ 0.10 ppm

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Trace Impurities - Gold (Au)

≤ 0.100 ppm

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Trace Impurities - Iron (Fe)

≤ 0.1 ppm

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Trace Impurities - Lead (Pb)  $\leq 0.100$  ppm

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Trace Impurities - Magnesium (Mg)  $\leq 0.300$  ppm

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Trace Impurities - Manganese (Mn)  $\leq 0.300$  ppm

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Trace Impurities - Nickel (Ni)  $\leq 0.1$  ppm

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Trace Impurities - Potassium (K)  $\leq 0.300$  ppm

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Trace Impurities - Tin (Sn)  $\leq 0.300$  ppm

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Trace Impurities - Titanium (Ti)  $\leq 0.300$  ppm

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Trace Impurities - Zinc (Zn)

$\leq 0.100$  ppm