



# Product Specifications

PRODUCT NAME: Hydrochloric Acid  
ACS

CHEMICAL FORMULA: HCl

Product Code: 257500-90000  
F.W.: 36.4600  
CAS No: 7647-01-0  
Density: 1.18


ITEM	SPECIFICATIONS
Appearance	Clear, colorless liquid
Assay (HCl)	36.5 - 38.0%
Color (APHA)	10 max.
Residue After Ignition	5 ppm max.
Bromide (Br)	0.005% max.
Sulfate (SO4)	1 ppm max.
Sulfite (SO3)	1 ppm max.
Free Chlorine (Cl2)	1 ppm max.
Ammonium (NH4)	3 ppm max.
Arsenic (As)	0.01 ppm max.
Heavy metals (by ICP-OES)	1 ppm max.
Iron (Fe)	0.2 ppm max.
Manufacture Date	Record Actual
Recommended Retest Date	Report Actual

Remarks:

The above are the specifications, ranges and limits set for this product.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

Document Print Date:  
12/22/2022

  
Eddy Santiago  
Quality Assurance Manager

**NACD Responsible Distribution Verified Member; ISO 9001 certified since 2009**  
**Chemical Processors & Packagers Specializing in Acids, High Purity Salts, and Custom Blended Solutions**

N4335 TEMKIN RD \* COLUMBUS, WISCONSIN \* 53925 \* PH: (920) 623-2140  
4034 W. WASHINGTON ST \* PHOENIX, ARIZONA \* 85009 \* PH: (602) 272-2500