

Product Specifications

PRODUCT NAME: Hydrochloric Acid
NF/FCC/ACS

CHEMICAL FORMULA: HCl

Product Code: 257900-90000
F.W.: 36.4600
CAS No: 7647-01-0
Density: 1.18

ITEM	SPECIFICATIONS
ACS-Assay (HCl)	36.5-38.0%
ACS-Color (APHA)	10 max.
ACS-Residue after ignition	5 ppm max.
ACS-Bromide (Br)	0.005% max.
ACS-Sulfate (SO ₄)	1 ppm max.
ACS-Sulfite (SO ₃)	1 ppm max.
ACS-Free chlorine (Cl)	1 ppm max.
ACS-Ammonium (NH ₄)	3 ppm max.
ACS-Arsenic (As)	0.01 ppm max.
ACS-Heavy Metals (by ICP-OES)	1 ppm max.
ACS-Iron (Fe)	0.2 ppm max.
NF-Identification A	To pass test
NF-Assay (HCl)	36.5-38.0%
NF-Residue on ignition	0.008% max.
NF-Bromide or Iodide	To pass test
NF-Free Bromine or Chlorine	To pass test
NF-Sulfate	To pass test
NF-Sulfite	To pass test
FCC-Identification: Chloride	To pass test
FCC-Assay (HCl)	36.5-38.0%
FCC-Iron	5 mg/kg max.
FCC-Lead (Pb)	1 mg/kg max.
FCC-Mercury (Hg)	0.10 mg/kg max.
FCC-Oxidizing Substances	0.003% max.
FCC-Reducing Substances	0.007% max.
FCC-Sulfate	0.5% max.
FCC-Organic Compounds:total fluorinated organic compounds	0.0025% max.
FCC-Organic Compounds:benzene	0.05 mg/kg max.
FCC-Organic Compounds:Non Fluorine Containing Organics	5 mg/kg max.
FCC-Color	To pass test
FCC-Assay HCl Bé	22.7° Be' min.
FCC-Nonvolatile Residue	0.5% max.
FCC-Specific Gravity (15.6°C)	Record only (1.17-1.20)
Manufacture Date	Record Actual
Expiration Date	Record Actual

Remarks:

This material meets National Formulary (NF) specifications.



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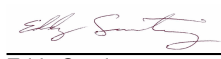
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The above are the specifications, ranges and limits set for this product.

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