

Technical Data sheet

HYDROCHLORIC ACID 37% w/w gmp

Product Code :306702 HYDROCHLORIC ACID 37% w/w gmp

Formula :HCl

Retest period : 18 months

Standard Grade : PE

Rev.: 09/07/2018

According to monographs :PH.EUR. 9ED.,NF 36,ACS 10 ED.

General Information :

Density	1,180 g/cm3
Mol weight	36,47 g/mol
CAS Nr	7647-01-0
C.E.E. Nr	017-002-01-X
EINECS Nr	231-595-7
HS code	28061000

Transport :

ADR/RID Class	8/II,C1
UN Nr	1789
Danger	80
Transport Labels	8
IMDG Code	8/II
IATA Code	8
IATA Group	II
CAO Code	855
PAX Code	851

Specifications :

Identification A	Passes test (PhEur)	Identification B	Passes test (PhEur)
Identification C	Passes test (PhEur)	Assay (Acidim.)	36,5 - 38,0 %
Appearance of solution	Passes test (PhEur)	Free chlorine (Cl)	Max. 1,0 ppm
Cloro o bromo libre	Passes test (NF)	Bromide and iodide (Br,I)	Passes test (NF)
Sulphate (SO4)	Max. 1,0 ppm	Organic compounds	Passes test (ACS)
Sulphate (SO4)	Passes test (NF)	Heavy metals (as Pb)	Max. 1,0 ppm
Sulfite (as SO2)	Passes test (NF)	Sulfite (en SO2)	Max. 1,0 ppm
Ammonium (NH4)	Max. 3,0 ppm	Iron (Fe)	Max. 0,2 ppm
Arsenic (As)	Max. 0,01 ppm	Bromide (Br)	Max. 0,005 %
Residue after evaporation	Max. 0,01 %	Residue after ignition	Max. 0,008 %
Residue after ignition	Max. 5,0 ppm	Color (Pt-Co)	Max. 10,0 APHA

Labels : H-290:May be corrosive to metals. H-314:Causes severe skin burns and eye damage. H-335:May cause respiratory irritation. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing.

