

Technical Data sheet**HYDROCHLORIC ACID 37% w/w**

Product Code :026720 HYDROCHLORIC ACID 37% w/w**Formula** :HCl**Retest period** : 18 months**Standard Grade** : RA**Rev.:** 07/02/2006**According to monographs** :ACS 10 ED.

General Information :

Density	1,180 g/cm ³
Mol weight	36,47 g/mol
CAS Nr	7647-01-0
C.E.E. Nr	017-002-01-X
EINECS Nr	231-595-7
IUPAC Name	HYDROCHLORIC ACID 37% w/w
Function	Buffering
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 :

Assay (Acidim.)	36,5 - 38,0 %	Sulphated ash	Max. 0,0005 %
Bromide (Br)	Max. 0,005 %	Free chlorine (Cl)	Max. 0,0001 %
Sulphate (SO ₄)	Max. 0,0001 %	Sulfite (SO ₃)	Max. 0,0001 %
Ammonium (NH ₄)	Max. 0,0003 %	Arsenic (As)	Max. 0,01 ppm
Iron (Fe)	Max. 0,00002 %	Heavy metals (as Pb)	Max. 0,0001 %
Color (Pt-Co)	Max. 10,0 APHA	Organic compounds	Max. 0,0005 %

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.

