

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

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**Product Code** :026719 HYDROCHLORIC ACID 37% w/w**Formula** :HCl**Retest period** : 18 months**Standard Grade** : ELC**Rev.:** 08/02/2016

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**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
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

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**Specifications :**

Assay (Acidim.)	36,5 - 37,5 %	Bromide (Br)	Max. 0,005 %
Sulphate (SO4)	Max. 0,0001 %	Sulfite (SO3)	Max. 0,0001 %
Iron (Fe)	Max. 0,00001 %	Color (Pt-Co)	Max. 10,0 APHA
Aluminum (Al)	Max. 0,01 ppm	Calcium (Ca)	Max. 0,05 ppm
Chromium (Cr)	Max. 0,001 ppm	Copper (Cu)	Max. 0,01 ppm
Potassium (K)	Max. 0,05 ppm	Magnesium (Mg)	Max. 0,05 ppm
Sodium (Na)	Max. 0,05 ppm	Nickel (Ni)	Max. 0,01 ppm
Lead (Pb)	Max. 0,01 ppm	Zinc (Zn)	Max. 0,01 ppm

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**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.

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