

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

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**Product Code** :026712 HYDROCHLORIC ACID 37% w/w**Formula** :HCl**Retest period** : 18 months**Standard Grade** : AL**Food Additive** : E-507**Rev.:** 09/07/2018**According to monographs** :FCC XI,EU 231/2012

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**General Information :**

Density	1,180 g/cm <sup>3</sup>
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.)	36,0 - 38,0 %	Riqueza (Baumé)	Min. 22,4 °Bé
Density (at 20°C)	Min. 1,18 g/ml	Free chlorine (Cl)	Max. 0,003 %
Sulphate (SO <sub>4</sub> )	Max. 0,5 %	Sulfite (SO <sub>3</sub> )	Max. 0,007 %
Arsenic (As)	Max. 1,0 ppm	Iron (Fe)	Max. 0,0005 %
Heavy metals (as Pb)	Max. 0,0001 %	Color (Pt-Co)	Passes test
Residue after evaporation	Max. 0,5 %	Benzene	Max. 0,05 ppm
Fluorinated org.compounds	Max. 0,0025 %	Non-fluorinated org.comp.	Max. 0,0005 %
Mercury (Hg)	Max. 0,00001 %	Lead (Pb)	Max. 0,0001 %

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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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