

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

Product Code :026704 HYDROCHLORIC ACID 37% w/w**Formula** :HCl**Retest period** : 18 months**Standard Grade** : PS**Rev.:** 26/11/2013

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

Specifications :

Identification	Passes test	Appearance	Clear and colorless
Assay (Acidim.)	Min. 36,0 %	Density (at 20°C)	1,177 - 1,195 g/ml
Sulphated ash	Max. 0,001 %	Sulphate (SO ₄)	Max. 0,0002 %
Sulfite (SO ₃)	Passes test	Arsenic (As)	Max. 1,0 ppm
Iron (Fe)	Max. 0,0002 %	Heavy metals (as Pb)	Max. 0,0005 %
Cloro o bromo libre	Passes test	sulphur dioxide (SO ₂)	Max. 0,0005 %
Bromide and iodide (Br,I)	Passes test	Copper (Cu)	Max. 0,0005 %
Lead (Pb)	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.

