

Technical data sheet



Product name: **Hydrochloric acid 37%**

Grade: **Extra pure**

Chemical formula: HCl

Molar mass: 36.46 g/mol

Synonyms: Hydrogen chloride solution

General information	
Cas- No.	7647-01-0
Ec-No.	231-595-7
Appearance	colorless Liquid
Boiling point	85°C
Melting point	-40°C
Flash point	N/A
Spec.density	~1.16 g/cm ³ (20°C)
Vapour pressure	21.3 hpa(20°C)
Solub. In H ₂ O	soluble
Storage temp	10-30°C
R:	34-37
S:	26-36/37/39-45

Specification	
Assay	34.5-36.5%
Identity(Chloride)	conforms
Appearance of solution	conforms
Free Bromine Or Chlorine	conforms
Bromide, Iodide(Br,I)	conforms
Free chlorine(Cl)	≤0.001%
Sulfate	≤0.01%
Sulfite	conforms
Residue on ignition	≤0.008%
Relative density at 20°C	1.17-1.18 g/cm ³

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	*	*	*	*	*
P.E	*	*	*	*	*



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