

Hydrochloric acid 37%

Laboratory BP, USP Reagent

HCl

M= 36.46 g/mol

1lit= 1.18 g/cm³

Specification

Assay		35.0 – 39.0	%
Description		Conforms	
Identification		Conforms	
Solubility		Conforms	
Relative density at 20 °C	~	1.18	g/cm ³
Sulfate (SO ₄)	≤	0.002	%
Appearance of solution		Conforms	
Heavy metals	≤	2	ppm
Residue on evaporation	≤	0.01	%
Free Chlorine	≤	4	ppm

Product Code: 1.1190.

Technical Information

Density:	~ 1.18 g/cm ³ (20 °C)
HS code:	28061000
Storage (temperature):	Store at +2 °C to +25 °C
SDS	available
R phrase:	R 34-37
S phrase:	S 26-36/37/39-45
Odour:	pungent
Form:	liquid
Color:	colourless
Solubility in water:	(20°C) soluble
Vapour pressure:	190 hPa (20 °C)
Viscosity dynamical:	2.3 mPa*s (15 °C)

Glass Bottles			Plastic Bottles			Plastic Gallon		
1	Liter	●	1	Liter		5	Liter	
2.5	Liter	●	2.5	Liter	●	10	Liter	

