

neoFroxx GmbH

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Specification

Product	Hydrochloric acid fuming 37 % pure Food grade (E507)
Brand	Labochem

Product number	LC-10614
Synonym(s)	Hydronium chloride, Chlorhydric acid
Formula	HCl
Molecular weight	36.46 g/mol
CAS number	7647-01-0
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (alkalimetric)	37.0 - 38.0 %
Identity	passes test
Appearance of solution	passes test
Bromide, Iodide (Br,I)	passes test
Free bromine or chlorine	passes test
Free chlorine (Cl)	max. 0.0005 %
Sulfate (SO ₄)	max. 0.05 %
Heavy metals (as Pb)	max. 0.0001 %
As (Arsenic)	max. 0.0001 %
Fe (Iron)	max. 0.0005 %
Hg (Mercury)	max. 0.00001 %
Residual solvents (ICH Q3C)	Excluded by production process
Residue on ignition (as SO ₄)	max. 0.01 %
Evaporation residue	max. 0.1 %

Einhausen, 08.05.2020