

neoFroxx GmbH

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Specification

Product	Hydrochloric acid fuming 37 % pure food grade (E 507)
Product number	LC-10614
Synonyms	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 - 38 %
Identity	passes test
Appearance of solution	passes test
Bromide (Br) and Iodide (I)	passes test
Free bromine (Br) or chlorine (Cl)	passes test
Free chlorine	<= 0.0005 %
Sulfate (SO ₄)	<= 0.05 %
Heavy metals (Pb)	<= 0.0001 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.0005 %
Mercury (Hg)	<= 0.00001 %
Residue on ignition (Ash)	<= 0.01 %
Residue on evaporation	<= 0.1 %
Residual solvents (ICH Q3C)	excluded by production process

Einhausen, 10.07.2025