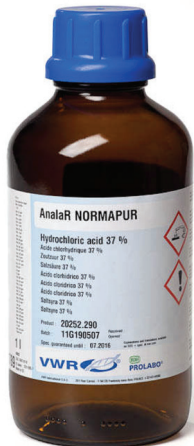


Hydrochloric acid 37% AnalaR NORMAPUR®
Reag. Ph. Eur. analytical reagent



Assay.....	35.0 to 38.0 %	Appearance	Clear colourless liquid
Colouration	Max. 10 APHA	Density (20/4).....	1.174 to 1.193
Free chlorine.....	Max. 0.5 ppm	Ignition residue (SO ₄).....	Max. 5 ppm
Reducing substances (as O).....	Max. 4 ppm	Br (Bromide).....	Max. 5 ppm
NH ₄ (Ammonium).....	Max. 1 ppm	PO ₄ (Phosphate).....	Max. 0.5 ppm
SO ₃ (Sulphite).....	Max. 1 ppm	SO ₄ (Sulphate).....	Max. 1 ppm
Al (Aluminium).....	Max. 0.05 ppm	As (Arsenic).....	Max. 0.01 ppm
Ba (Barium).....	Max. 0.02 ppm	Be (Beryllium).....	Max. 0.01 ppm
Bi (Bismuth).....	Max. 0.02 ppm	Ca (Calcium).....	Max. 0.5 ppm
Cd (Cadmium).....	Max. 0.01 ppm	Co (Cobalt).....	Max. 0.01 ppm
Cr (Chromium).....	Max. 0.07 ppm	Cu (Copper).....	Max. 0.1 ppm
Fe (Iron).....	Max. 0.3 ppm	Ge (Germanium).....	Max. 0.02 ppm
Hg (Mercury).....	Max. 0.01 ppm	K (Potassium).....	Max. 0.1 ppm
Li (Lithium).....	Max. 0.01 ppm	Mg (Magnesium).....	Max. 0.1 ppm
Mn (Manganese).....	Max. 0.01 ppm	Mo (Molybdenum).....	Max. 0.02 ppm
Na (Sodium).....	Max. 0.5 ppm	Ni (Nickel).....	Max. 0.04 ppm
Pb (Lead).....	Max. 0.02 ppm	Sr (Strontium).....	Max. 0.01 ppm
Ti (Titanium).....	Max. 0.02 ppm	Tl (Thallium).....	Max. 0.02 ppm
V (Vanadium).....	Max. 0.01 ppm	Zn (Zinc).....	Max. 0.5 ppm
Zr (Zirconium).....	Max. 0.02 ppm	Conforms to BDH 10125	Passes test

Cat. No.	Pk	Pack type
20252.295	1 l	Plastic bottle
20252.244	1 l	Glass bottle SAFEBREAK
20252.290	1 l	Glass bottle
20252.324	2,5 l	Glass bottle SAFEBREAK
20252.335	2,5 l	Plastic bottle
20252.420	2,5 l	Glass bottle
20252.368	5 l	Plastic bottle
20252.448	20 l	Plastic drum

Hydrochloric acid 37% Ph. Eur.

Assay.....	35.0 to 39.0 %	Appearance	Clear colourless liquid
Identification A.....	Passes test	Identification B.....	Passes test
Identification C.....	Passes test	Appearance of solution	Passes test
Free chlorine.....	Max. 4 ppm	Evaporation residue	Max. 50 ppm
SO ₄ (Sulphate).....	Max. 20 ppm	Free bromine or chlorine.....	Passes test
Heavy metals (as Pb).....	Max. 2 ppm	Evaporation residue	Max. 50 ppm
Residue on evaporation.....	Max. 0.01 %	Free chlorine.....	Max. 1 ppm
Residual solvents	Passes test	Heavy metals (as Pb).....	Max. 1 ppm

Cat. No.	Pk	Pack type
20255.290	1 l	Glass bottle
20255.324	2,5 l	Glass bottle SAFEBREAK
20255.420	2,5 l	Glass bottle
20255.368	5 l	Plastic bottle
20255.440	20 l	Plastic drum

Hydrochloric acid 37% VLSI Selectipur® for the electronics industry

Cat. No.	Pk	Pack type
51153627.	2,5 l	Plastic bottle

This product is not available in all countries. Please check with your local VWR International office or supplier.

Hydrochloric acid 36% SLSI Selectipur® for the electronics industry

Cat. No.	Pk	Pack type
57004879.	220 kg	Plastic drum
52976033.	230 kg	Plastic drum

This product is not available in all countries. Please check with your local VWR International office or supplier.

Hydrochloric acid 36% Selectipur® for the electronics industry

Cat. No.	Pk	Pack type
57843234.	240 kg	Plastic drum

This product is not available in all countries. Please check with your local VWR International office or supplier.

Hydrochloric acid 35% GPR RECTAPUR®

Assay.....	35 to 38 %
Evaporation residue	Max. 0.02 %
Heavy metals (as Pb).....	Max. 10 ppm
Free chlorine.....	Max. 50 ppm
Fe (Iron).....	Max. 5 ppm

Cat. No.	Pk	Pack type
20248.240	1 l	Glass bottle SAFEBREAK
20248.295	1 l	Glass bottle
20248.320	2,5 l	Glass bottle SAFEBREAK
20248.364	5 l	Plastic bottle

Hydrochloric acid 35% GPR RECTAPUR®

Assay.....	35.0 to 38.0 %	Appearance	Clear colourless liquid
Appearance of solution	Passes test	Free bromine or chlorine.....	Passes test
Evaporation residue	Max. 50 ppm	Evaporation residue	Max. 50 ppm
Free chlorine.....	Max. 1 ppm	Free chlorine.....	Max. 1 ppm
Heavy metals (as Pb).....	Max. 1 ppm	Ignition residue (SO ₄).....	Max. 80 ppm
Ignition residue (SO ₄).....	Max. 80 ppm	Br (Bromide).....	Max. 5 ppm
Br (Bromide).....	Max. 5 ppm	SO ₃ (Sulphite).....	Max. 10 ppm
SO ₃ (Sulphite).....	Max. 10 ppm	SO ₄ (Sulphate).....	Max. 5 ppm
SO ₄ (Sulphate).....	Max. 5 ppm	As (Arsenic).....	Max. 1 ppm
As (Arsenic).....	Max. 1 ppm	Fe (Iron).....	Max. 2 ppm
Fe (Iron).....	Max. 2 ppm		

Cat. No.	Pk	Pack type
28507BF	2,5 l	Plastic bottle
28507CG	25 l	Plastic drum

Hydrochloric acid 35% TECHNICAL

Assay.....	Min. 35 %
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Cat. No.	Pk	Pack type
20246.298	1 l	Plastic bottle
20246.323	2,5 l	Plastic bottle
20246.367	5 l	Plastic bottle
20246.460	25 l	Plastic drum