

AC0741 Hydrochloric acid, 37%, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (acidimetric) 36,5 - 38,0 %
 identity passes test
 appearance of solution clear and colourless
 colour (Hazen) max. 10
 bromides (Br) max. 0,005 %
 phosphates (as PO₄) max. 0,00005 %
 sulfates (SO₄) max. 0,00005 %
 sulfites (SO₃) max. 0,00005 %
 free chlorine (as Cl) max. 0,00004 %
 aluminium (Al) max. 0,05 ppm
 ammonium (NH₄) max. 0,0001 %
 arsenic (As) max 0,01 ppm
 barium (Ba) max 0,01 ppm
 beryllium (Be) max 0,01 ppm
 bismuth (Bi) max. 0,05 ppm
 boron (B) max. 0,1 ppm
 cadmium (Cd) max 0,01 ppm
 calcium (Ca) max. 0,3 ppm
 chromium (Cr) max 0,01 ppm
 cobalt (Co) max 0,01 ppm
 copper (Cu) max 0,01 ppm
 gallium (Ga) max. 0,05 ppm
 germanium (Ge) max. 0,02 ppm

gold (Au) max. 0,05 ppm
 heavy metals max. 0,0001 %
 iron (Fe) max. 0,1 ppm
 lead (Pb) max 0,01 ppm
 lithium (Li) max 0,01 ppm
 magnesium (Mg) max. 0,05 ppm
 manganese (Mn) max 0,01 ppm
 mercury (Hg) max 0,01 ppm
 molybdenum (Mo) max 0,01 ppm
 nickel (Ni) max. 0,02 ppm
 platinum (Pt) max. 0,1 ppm
 potassium (K) max. 0,1 ppm
 silver (Ag) max. 0,02 ppm
 sodium (Na) max. 0,3 ppm
 strontium (Sr) max 0,01 ppm
 thallium (Tl) max. 0,02 ppm
 tin (Sn) max. 0,05 ppm
 titanium (Ti) max. 0,02 ppm
 vanadium (V) max 0,01 ppm
 zinc (Zn) max. 0,05 ppm
 zirconium (Zr) max. 0,02 ppm
 residue on ignition max. 0,0003 %
 residue on evaporation max. 0,001 %

ART. NO.	VOLUME	CONTAINER
AC07411000	1 l	
AC07411001	1 l	
AC07412500	2,5 l	
AC07412501	2,5 l	
AC0741005P	5 l	
AC0741025P	25 l	

AC0730 Hydrochloric acid, 37%, ExpertQ®, for analysis, ACS, ISO, max. 0,0000005% Hg



assay (acidimetric) 36,5 - 38,0 %
 appearance passes test
 colour (Hazen) max. 10
 bromides (Br) max. 0,005 %
 phosphates (as PO₄) max. 0,00005 %
 sulfates (SO₄) max. 0,0001 %
 sulfites (SO₃) max. 0,0001 %
 free chlorine (as Cl) max. 0,00005 %
 aluminium (Al) max. 0,05 ppm
 ammonium (NH₄) max. 0,0001 %
 arsenic (As) max 0,01 ppm
 barium (Ba) max. 0,02 ppm
 beryllium (Be) max. 0,02 ppm
 bismuth (Bi) max. 0,1 ppm
 cadmium (Cd) max 0,01 ppm
 calcium (Ca) max. 0,5 ppm
 chromium (Cr) max. 0,02 ppm
 cobalt (Co) max 0,01 ppm
 copper (Cu) max. 0,02 ppm
 germanium (Ge) max. 0,05 ppm

heavy metals (as Pb) max. 1 ppm
 iron (Fe) max. 0,2 ppm
 lead (Pb) max. 0,02 ppm
 lithium (Li) max 0,01 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max 0,01 ppm
 mercury (Hg) max. 0,005 ppm
 molybdenum (Mo) max. 0,02 ppm
 nickel (Ni) max. 0,02 ppm
 potassium (K) max. 0,1 ppm
 sodium (Na) max. 0,5 ppm
 strontium (Sr) max 0,01 ppm
 thallium (Tl) max. 0,05 ppm
 titanium (Ti) max. 0,1 ppm
 vanadium (V) max 0,01 ppm
 zinc (Zn) max. 0,05 ppm
 zirconium (Zr) max. 0,1 ppm
 residue on ignition max. 0,0005 %
 extractable organic substances passes test (about 0,0005 %)

ART. NO.	VOLUME	CONTAINER
AC07301000	1 l	
AC07302500	2,5 l	

AC0780 Hydrochloric acid, 37%, Ultratrace®, ppb-trace analysis grade



assay (acidimetric) 34 - 37 %
 colour (Hazen) max. 10
 bromides (Br) max. 0,001 %
 free chlorine (as Cl) max. 0,00005 %
 total phosphorus (P) max. 10 ppb
 total sulfur (S) max. 300 ppb
 aluminium (Al) max. 1 ppb
 antimony (Sb) max. 0,5 ppb
 arsenic (As) max. 0,5 ppb
 barium (Ba) max. 0,1 ppb
 beryllium (Be) max. 0,1 ppb
 bismuth (Bi) max. 0,1 ppb
 boron (B) max. 1 ppb
 cadmium (Cd) max. 0,1 ppb
 calcium (Ca) max. 1 ppb
 cerium (Ce) max. 0,1 ppb
 cesium (Cs) max. 0,1 ppb
 chromium (Cr) max. 0,5 ppb
 cobalt (Co) max. 0,1 ppb
 copper (Cu) max. 0,5 ppb
 dysprosium (Dy) max. 0,1 ppb
 erbium (Er) max. 0,1 ppb
 europium (Eu) max. 0,1 ppb
 gadolinium (Gd) max. 0,1 ppb
 gallium (Ga) max. 0,1 ppb
 gold (Au) max. 0,5 ppb
 hafnium (Hf) max. 0,1 ppb
 holmium (Ho) max. 0,1 ppb
 indium (In) max. 0,1 ppb
 iron (Fe) max. 1 ppb
 lanthanum (La) max. 0,1 ppb
 lead (Pb) max. 0,1 ppb
 lithium (Li) max. 0,1 ppb
 lutetium (Lu) max. 0,1 ppb

magnesium (Mg) max. 0,5 ppb
 manganese (Mn) max. 0,1 ppb
 mercury (Hg) max. 0,1 ppb
 molybdenum (Mo) max. 0,1 ppb
 neodymium (Nd) max. 0,1 ppb
 nickel (Ni) max. 0,5 ppb
 niobium (Nb) max. 0,1 ppb
 potassium (K) max. 1 ppb
 praseodymium (Pr) max. 0,1 ppb
 rhenium (Re) max. 0,1 ppb
 rhodium (Rh) max. 0,1 ppb
 rubidium (Rb) max. 0,1 ppb
 ruthenium (Ru) max. 0,1 ppb
 samarium (Sm) max. 0,1 ppb
 scandium (Sc) max. 0,1 ppb
 selenium (Se) max. 1 ppb
 silver (Ag) max. 1 ppb
 sodium (Na) max. 1 ppb
 strontium (Sr) max. 0,1 ppb
 tellurium (Te) max. 0,1 ppb
 terbium (Tb) max. 0,1 ppb
 thallium (Tl) max. 0,1 ppb
 thorium (Th) max. 0,1 ppb
 thulium (Tm) max. 0,1 ppb
 tin (Sn) max. 0,5 ppb
 titanium (Ti) max. 0,5 ppb
 tungsten (W) max. 0,1 ppb
 uranium (U) max. 0,1 ppb
 vanadium (V) max. 0,5 ppb
 ytterbium (Yb) max. 0,1 ppb
 yttrium (Y) max. 0,1 ppb
 zinc (Zn) max. 1 ppb
 zirconium (Zr) max. 0,1 ppb

ART. NO.	VOLUME	CONTAINER
AC07800500	500 ml	
AC07801000	1 l	
AC07802500	2,5 l	