

# CERTIFICATE OF ANALYSIS

## AC0741\_25544209/1

<b>Product</b>	Hydrochloric acid, 37%, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur	<b>Batch</b>	25544209
		<b>Quality release date</b>	28/02/2025
<b>AC0741</b>		<b>Expiry date</b>	02/2030

Analysis	Batch value	Specifications
Assay (Acidimetric)	37,29 %	36,5 - 38,0
Identification A (EP)	passes test	passes test
Identification chlorides	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Colour (Hazen)	2	≤ 10
Bromides (Br)	< 50 ppm	≤ 50
Phosphates (as PO4)	< 0,5 ppm	≤ 0,5
Sulfates (SO4)	< 1 ppm	≤ 1
Sulfites (SO3)	< 0,5 ppm	≤ 0,5
Free chlorine (as Cl)	< 1 ppm	≤ 1
Aluminium (Al)	< 0,05 ppm	≤ 0,05
Ammonium (NH4)	< 1 ppm	≤ 1
Arsenic (As)	< 0,01 ppm	≤ 0,01
Barium (Ba)	< 0,01 ppm	≤ 0,01
Beryllium (Be)	< 0,01 ppm	≤ 0,01
Bismuth (Bi)	< 0,05 ppm	≤ 0,05
Boron (B)	< 0,1 ppm	≤ 0,1
Cadmium (Cd)	< 0,01 ppm	≤ 0,01
Calcium (Ca)	< 0,3 ppm	≤ 0,3
Chromium (Cr)	< 0,01 ppm	≤ 0,01
Cobalt (Co)	< 0,01 ppm	≤ 0,01
Copper (Cu)	< 0,01 ppm	≤ 0,01
Gallium (Ga)	< 0,05 ppm	≤ 0,05
Germanium (Ge)	< 0,02 ppm	≤ 0,02
Gold (Au)	< 0,05 ppm	≤ 0,05
Heavy metals	< 1 ppm	≤ 1
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,01 ppm	≤ 0,01
Lithium (Li)	< 0,01 ppm	≤ 0,01
Magnesium (Mg)	< 0,05 ppm	≤ 0,05
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Mercury (Hg)	< 0,01 ppm	≤ 0,01
Molybdenum (Mo)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Platinum (Pt) ppm	< 0,1 ppm	≤ 0,1
Potassium (K)	< 0,1 ppm	≤ 0,1
Silver (Ag)	< 0,02 ppm	≤ 0,02
Sodium (Na)	< 0,3 ppm	≤ 0,3
Strontium (Sr)	< 0,01 ppm	≤ 0,01
Thallium (Tl)	< 0,02 ppm	≤ 0,02

Results marked with # are out of specifications.  
 This certificate does not exempt the user from checking the results upon receipt of the goods.  
 Any copy of our CoA may be obtained from our website at [www.scharlab.com](http://www.scharlab.com)

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<b>Analysis</b>	<b>Batch value</b>	<b>Specifications</b>
Tin (Sn)	< 0,2 ppm	≤ 0,2
Titanium (Ti)	< 0,02 ppm	≤ 0,02
Vanadium (V)	< 0,01 ppm	≤ 0,01
Zinc (Zn)	< 0,1 ppm	≤ 0,1
Zirconium (Zr)	< 0,02 ppm	≤ 0,02
Residue on ignition	< 3 ppm	≤ 3
Residue on evaporation	0,0003 %	≤ 0,001
Extractable organic substances	passes test	passes test

For laboratory use only

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