

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**AC1085_25503902/1**

Product Formic acid, 98 - 100%, for analysis, ExpertQ®, ACS, Reag. Ph Eur

Batch 25503902

AC1085

Quality release date 28/01/2025

Expiry date 01/2030

Analysis	Batch value	Specifications
Assay (Acidimetric)	99,38 %	≥ 98,0
Colour (Hazen)	1	≤ 10
Density (20°/20°)	1,2217 g/mL	1,217 - 1,223
Dilution test	passes test	passes test
Acetic acid (CH ₃ COOH)	< 0,05 %	≤ 0,05
Chlorides (Cl)	< 0,0005 %	≤ 0,0005
Sulfates (SO ₄)	< 0,0005 %	≤ 0,0005
Sulfites (SO ₃)	passes test	passes test
Aluminium (Al)	0,004 ppm	≤ 0,05
Ammonium (NH ₄)	< 0,001 %	≤ 0,001
Barium (Ba)	0,002 ppm	≤ 0,05
Beryllium (Be)	< 0,02 ppm	≤ 0,02
Bismuth (Bi)	< 0,1 ppm	≤ 0,1
Cadmium (Cd)	0,003 ppm	≤ 0,05
Calcium (Ca)	0,1 ppm	≤ 0,2
Chromium (Cr)	0,014 ppm	≤ 0,05
Cobalt (Co)	0,004 ppm	≤ 0,02
Copper (Cu)	0,003 ppm	≤ 0,02
Germanium (Ge)	< 0,05 ppm	≤ 0,05
Heavy metals (as Pb)	< 0,001 %	≤ 0,001
Iron (Fe)	0,132 ppm	≤ 2
Lead (Pb)	0,004 ppm	≤ 0,02
Lithium (Li)	< 0,02 ppm	≤ 0,02
Magnesium (Mg)	0,049 ppm	≤ 0,5
Manganese (Mn)	0,002 ppm	≤ 0,05
Molybdenum (Mo)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	0,015 ppm	≤ 0,05
Potassium (K)	0,0237 ppm	≤ 0,1
Silver (Ag)	0,004 ppm	≤ 0,02
Sodium (Na)	0,011 ppm	≤ 0,5
Strontium (Sr)	0,0005 ppm	≤ 0,02
Thallium (Tl)	0,004 ppm	≤ 0,05
Titanium (Ti)	< 0,1 ppm	≤ 0,1
Vanadium (V)	< 0,05 ppm	≤ 0,05
Zinc (Zn)	0,019 ppm	≤ 0,05
Zirconium (Zr)	< 0,1 ppm	≤ 0,1
Residue on evaporation	0,0005 %	≤ 0,001

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.comMarta Martínez Casals
Laboratory Technician



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Marta Martínez Casals
Laboratory Technician

A handwritten signature in black ink, appearing to be "Marta", written over a horizontal line.