

**Scharlab S.L.**

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

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**E00040_25436801/1**

Product Formic acid, solution 90,0% ± 0,1% w/w, for analysis, ExpertQ®

Batch 25436801

E00040

Quality release date 09/01/2025

Expiry date 01/2028

Analysis	Batch value	Specifications
Assay (Acidimetric)	90,00 %	89,9 - 90,1
Colour (Hazen)	2	≤ 10
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)	< 0,001 %	≤ 0,001
Aluminium (Al)	< 0,05 ppm	≤ 0,05
Ammonium (NH ₄)	< 0,001 %	≤ 0,001
Barium (Ba)	< 0,05 ppm	≤ 0,05
Beryllium (Be)	< 0,02 ppm	≤ 0,02
Bismuth (Bi)	< 0,1 ppm	≤ 0,1
Cadmium (Cd)	< 0,05 ppm	≤ 0,05
Calcium (Ca)	< 0,2 ppm	≤ 0,2
Chromium (Cr)	< 0,05 ppm	≤ 0,05
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Germanium (Ge)	< 0,05 ppm	≤ 0,05
Heavy metals (as Pb)	< 5 ppm	≤ 5
Iron (Fe)	< 2 ppm	≤ 2
Lead (Pb)	< 0,02 ppm	≤ 0,02
Lithium (Li)	< 0,02 ppm	≤ 0,02
Magnesium (Mg)	< 0,5 ppm	≤ 0,5
Manganese (Mn)	< 0,05 ppm	≤ 0,05
Molybdenum (Mo)	< 0,02 ppm	≤ 0,02
Nickel (Ni)	< 0,05 ppm	≤ 0,05
Potassium (K)	< 0,1 ppm	≤ 0,1
Silver (Ag)	< 0,02 ppm	≤ 0,02
Sodium (Na)	< 0,5 ppm	≤ 0,5
Strontium (Sr)	< 0,02 ppm	≤ 0,02
Thallium (Tl)	< 0,05 ppm	≤ 0,05
Titanium (Ti)	< 0,1 ppm	≤ 0,1
Vanadium (V)	< 0,05 ppm	≤ 0,05
Zinc (Zn)	< 0,05 ppm	≤ 0,05
Zirconium (Zr)	< 0,1 ppm	≤ 0,1
Dilution test	passes test	passes test
Residue on evaporation	< 0,001 %	≤ 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