

**Scharlab S.L.**

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

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product Ammonia, solution 25% w/w, ExpertQ®, Reag. Ph Eur

Batch 19733701

AM0249

Quality release date 15/04/2019

Expiry date 04/2024

Analysis	Batch value	Specifications
Assay (Acidimetric, NH ₃)	28,44 %	25 - 30
Density (20°/4°)	0,8966 g/mL	0,892 - 0,910
Appearance of solution	clear and colourless	clear and colourless
Colour (Hazen)	2	≤ 10
Carbonates (as CO ₂)	< 0,001 %	≤ 0,001
Chlorides (Cl)	< 0,00005 %	≤ 0,00005
Phosphates (as PO ₄)	< 0,00005 %	≤ 0,00005
Sulfates (SO ₄)	< 0,0002 %	≤ 0,0002
Sulfides (S)	< 0,00002 %	≤ 0,00002
Aluminium (Al)	< 0,00005 %	≤ 0,00005
Barium (Ba)	< 0,000005 %	≤ 0,000005
Bismuth (Bi)	< 0,00001 %	≤ 0,00001
Cadmium (Cd)	< 0,000005 %	≤ 0,000005
Calcium (Ca)	< 0,00005 %	≤ 0,00005
Chromium (Cr)	< 0,000005 %	≤ 0,000005
Cobalt (Co)	< 0,000005 %	≤ 0,000005
Copper (Cu)	< 0,00001 %	≤ 0,00001
Gallium (Ga)	< 0,000002 %	≤ 0,000002
Gold (Au)	< 0,00001 %	≤ 0,00001
Heavy metals (as Pb)	< 0,0001 %	≤ 0,0001
Indium (In)	< 0,000002 %	≤ 0,000002
Iron (Fe)	< 0,00001 %	≤ 0,00001
Lead (Pb)	< 0,000005 %	≤ 0,000005
Lithium (Li)	< 0,000002 %	≤ 0,000002
Magnesium (Mg)	< 0,00001 %	≤ 0,00001
Manganese (Mn)	< 0,000005 %	≤ 0,000005
Molybdenum (Mo)	< 0,000005 %	≤ 0,000005
Nickel (Ni)	< 0,000005 %	≤ 0,000005
Platinum (Pt)	< 0,00001 %	≤ 0,00001
Potassium (K)	< 0,00005 %	≤ 0,00005
Silver (Ag)	< 0,000002 %	≤ 0,000002
Sodium (Na)	< 0,00005 %	≤ 0,00005
Strontium (Sr)	< 0,00001 %	≤ 0,00001
Thallium (Tl)	< 0,000005 %	≤ 0,000005
Tin (Sn)	< 0,00001 %	≤ 0,00001
Titanium (Ti)	< 0,00001 %	≤ 0,00001
Zinc (Zn)	< 0,00001 %	≤ 0,00001
Pyridine and related substances	< 0,0002 %	≤ 0,0002
Substances reducing KMnO ₄	passes test	passes test
Residue on evaporation	0,0003 %	≤ 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.comM. Canet
Laboratory Manager



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Measurement

Batch value certified at the time of measurement. The batch value may change due to unavoidable variations.

Storage and use

If the product is stored and unopened, this solution is stable for 5 years from the date of manufacturing.

Keep tightly closed in a dry and fresh place at room temperature.

The assay should be checked before use.

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