

**Scharlab S.L.**

Crtra.Polinya a Sentmenat, Km 8,2

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS**AM0249_22263301/1**

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

Batch 22263301

AM0249

Quality release date 11/01/2022

Expiry date 01/2027

Analysis	Batch value	Specifications
Assay (Acidimetric, NH ₃)	25,27 %	25,0 - 30,0
Density (20°/20°)	0,9091 g/mL	0,892 - 0,910
Appearance of solution	clear and colourless	clear and colourless
Carbonates (as CO ₂)	< 0,001 %	≤ 0,001
Chlorides (Cl)	< 0,5 ppm	≤ 0,5
Phosphates (as PO ₄)	< 0,5 ppm	≤ 0,5
Silicates (SiO ₂)	< 0,001 %	≤ 0,001
Sulfates (SO ₄)	< 2 ppm	≤ 2
Calcium (Ca)	< 0,5 ppm	≤ 0,5
Copper (Cu)	< 0,1 ppm	≤ 0,1
Iron (Fe)	< 0,1 ppm	≤ 0,1
Lead (Pb)	< 0,05 ppm	≤ 0,05
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Potassium (K)	< 0,5 ppm	≤ 0,5
Sodium (Na)	< 0,5 ppm	≤ 0,5
Substances reducing KMnO ₄	< 8 ppm	≤ 8
Pyridine and related substances	< 2 ppm	≤ 2
Oxidisable substances	passes test	passes test
Residue on evaporation	0,0002 %	≤ 0,001

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. For laboratory use only