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CERTIFICATE OF ANALYSIS**AM0249_23835601/1**

Product	Ammonia, solution 25% w/w, for analysis, ExpertQ®, Reag. Ph Eur, ISO	Batch	23835601
		Quality release date	18/05/2023
AM0249		Expiry date	05/2028

Analysis	Batch value	Specifications
Assay (Acidimetric, NH ₃)	28,01 %	25,0 - 30,0
Identification B (EP)	passes test	passes test
Identification C (EP)	passes test	passes test
Density (20°/20°)	0,9010 g/mL	0,892 - 0,910
Appearance of solution	clear and colourless	clear and colourless
Carbonates (as CO ₂)	< 20 ppm	≤ 20
Chlorides (Cl)	< 0,5 ppm	≤ 0,5
Phosphates (as PO ₄)	< 2 ppm	≤ 2
Silicates (SiO ₂)	< 10 ppm	≤ 10
Sulfates (SO ₄)	< 2 ppm	≤ 2
Calcium (Ca)	< 1 ppm	≤ 1
Copper (Cu)	< 0,1 ppm	≤ 0,1
Iron (Fe)	< 0,2 ppm	≤ 0,2
Lead (Pb)	< 0,5 ppm	≤ 0,5
Magnesium (Mg)	< 1 ppm	≤ 1
Potassium (K)	< 1 ppm	≤ 1
Sodium (Na)	< 5 ppm	≤ 5
Pyridine and related substances	< 2 ppm	≤ 2
Substances reducing KMnO ₄	< 8 ppm	≤ 8
Oxidisable substances	passes test	passes test
Residue on evaporation	3,0 mg/L	≤ 20

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