

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS****AC2067\_24870602/1**

Product	Sulfuric acid, 95 - 97%, for analysis, ExpertQ®, ISO, Reag. Ph Eur, packed in HDPE bottles	Batch	24870602
		Quality release date	04/06/2024
<b>AC2067</b>		Expiry date	12/2025

Analysis	Batch value	Specifications
Assay (Acidimetric)	96,26 %	95,0 - 97,0
Appearance	clear and colourless	clear and colourless
Colour (Hazen)	2	≤ 10
Density (20°/20°)	1,837 g/mL	1,834 - 1,837
Oxidisable substances	passes test	passes test
Identification sulfates	passes test	passes test
Chlorides (Cl)	< 0,5 ppm	≤ 0,5
Nitrates (NO <sub>3</sub> )	< 0,5 ppm	≤ 0,5
Nitrates and nitrites (as NO <sub>3</sub> )	< 0,2 ppm	≤ 0,2
Ammonium (NH <sub>4</sub> )	< 2 ppm	≤ 2
Arsenic (As)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,1 ppm	≤ 0,1
Iron (Fe)	< 0,5 ppm	≤ 0,5
Lead (Pb)	< 0,1 ppm	≤ 0,1
Heavy metals (as Pb)	< 2 ppm	≤ 2
Substances reducing KMnO <sub>4</sub>	< 5 ppm	≤ 5
Residue on ignition	< 0,001 %	≤ 0,001

**Storage and use**

For analytical uses.

If the product is stored and unopened, this solution is stable for 1,5 years from the date of manufacturing.

Keep tightly closed at room temperature. Avoid exposure to light.

For laboratory use only