

Sulfuric Acid 1/a

Order No. 67 28 781

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Application Range

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|---------------------------|--|
| Standard Measuring Range: | 1 to 5 mg/m ³ Discoloration compared to color comparison tube. |
| Number of Strokes n: | 100 |
| Time for Measurement: | approx. 100 min |
| Standard Deviation: | ± 30 % |
| Color Change: | brown → pink violet |

Ambient Operating Conditions

| | |
|--------------------|------------------------------|
| Temperature: | 5 to 40 °C |
| Absolute Humidity: | < 15 mg H ₂ O / L |

Reaction Principle



Cross Sensitivity

Sulfur trioxide in the gaseous form is not indicated, but in the presence of atmospheric humidity this forms sulfuric acid aerosols, which are indicated.

Soluble sulfates and other aerosol forming acids are also indicated but with different sensitivities. It is impossible to measure sulfuric acid in the presence of these substances.

Additional Information

After performing the required 100 pump strokes the reagent ampoule must be broken and the liquid transferred completely onto the brown reagent layer. Wait one minute before drawing the liquid carefully through the brown layer with approx. 10 pump stroke into the indication chamber. The measurement must be evaluated immediately.



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Safety & Industrial Products

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