

Sulphuric Acid 1/a

Order No.

67 28781

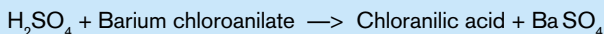


Standard Measuring Range	: 1 to 5 mg/m ³ Discoloration compared to colour comparison tube.
Number of Strokes (n)	: 100
Time for Measurement	: app. 100 min
Standard Deviation	: ± 30 %
Colour Change	: brown → pink violet

Ambient Operating Conditions

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

Reaction Principle



Cross Sensitivity

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

Soluble sulphates and other aerosol forming acids are also indicated but with different sensitivities. It is impossible to measure sulphuric 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 $\frac{1}{4}$ pump stroke into the indication chamber. The measurement must be evaluated immediately!