

Aniline 0.5/a

Order No. 67 33 171

Application Range

Standard Measuring Range:	0.5 to 10 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 4 min
Standard Deviation:	± 15 to 20 %
Color Change:	pale yellow → pale green

Ambient Operating Conditions

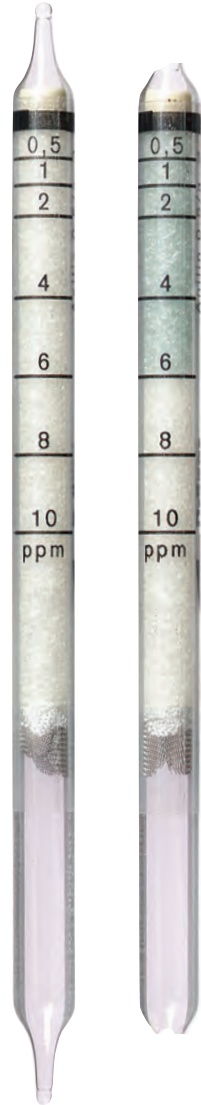
Temperature:	15 to 30 °C
Absolute Humidity:	7 to 12 mg H ₂ O / L

Reaction Principle

$$\text{C}_6\text{H}_5\text{NH}_2 + \text{Cr}^{\text{VI}} \rightarrow \text{Cr}^{\text{III}} + \text{various oxidation products}$$

Cross Sensitivity

When methyl aniline and aniline are present at the same time, it is impossible to measure only the aniline concentration. Ethers, ketones, esters, aromatics and benzenes are indicated as well but with different sensitivities.



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Northside Sales, Co.

Safety & Industrial Products

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