Methyl Bromide 0.1/a

Order No. 37 06 301

Application Range

Standard Measuring Range:	0.1 to 5 ppm	/ 5 to 50 ppm
Number of Strokes n:	10	/ 2
Time for Measurement:	approx. 8 min.	/ approx. 4 min.
Standard Deviation:	± 15 to 20 %	
Color Change:	bright → green	

Ambient Operating Conditions

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

Reaction Principle

 $CH_3 Br + H_2S_2O_7 + chromate \rightarrow Br_2$ $Br_2 + o-tolidine \rightarrow green reaction product$

Cross Sensitivity

Carbon tetrachloride: < 2 ppm no reading. In the presence of perchloroethylene or trichloroethylene, a methyl bromide measurement is not possible! Sulfuryl fluoride, phosphine, ethylene oxide, ammonia, hydrogen cyanide, chloropicrin and formaldehyde are not indicated below their threshold values. 2 ppm ethylene dibromide is indicated with approximately the same sensitivity. 0.5 ppm vinyl chloride is indicated with a reading of less than 0.1 ppm. 2 ppm 1.1 dichloroethylene is not indicated and 20 ppm 1.2 dichloroethylene is indicated with a low reading of 3 ppm.





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