

# Dimethyl Sulfide 1/a

Order No. 67 28 451

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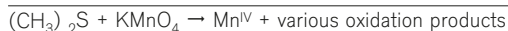
## Application Range

|                           |                       |
|---------------------------|-----------------------|
| Standard Measuring Range: | 1 to 15 ppm           |
| Number of Strokes n:      | 20                    |
| Time for Measurement:     | approx. 15 min        |
| Standard Deviation:       | ± 15 to 30 %          |
| Color Change:             | violet → yellow brown |

## Ambient Operating Conditions

|                    |                              |
|--------------------|------------------------------|
| Temperature:       | 15 to 30 °C                  |
| Absolute Humidity: | < 20 mg H <sub>2</sub> O / L |

## Reaction Principle



## Cross Sensitivity

Many organic compounds with C=C double bonds are indicated as well, but with different sensitivities. It is impossible to differentiate between them. H<sub>2</sub>S (hydrogen sulfide) is indicated with approximately twice the sensitivity. The tube H<sub>2</sub>S 5/b can be used as a filtering tube. Then, with n = 20 pump strokes approx. 30 ppm H<sub>2</sub>S is retained. Methyl mercaptan is indicated with approximately twice the sensitivity.



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