Dimethyl Sulfide 1/a

Catalog No 6728451

Standard Measuring Range:	1 to 15 ppm
Number of Strokes (n):	20
Time for Measurement:	about 15 minutes
Standard Deviation:	± 15 to 20%
Color Change:	violet to yellow brown

Ambient Operation Conditions

Temperature:	15 to 30°C
Absolute Humidity:	< 20 mg H_2O/L

Reaction Principle

$(CH_3)_2S + KMnO_4 \longrightarrow Mn^{IV}$ + various oxidation products

Cross Sensitivity

Many organic compounds with C=C double bonds are indicated, but with different sensitivities. It is impossible to differentiate them.

Hydrogen Sulfide (H_2S) is indicated with approximately twice of the sensitivity. The tube H_2S 5/b can be used as a pretube. Than it is possible at n = 20 strokes to trap 30 ppm H_2S.

Methyl mercaptan is indicated with approximately twice the sensitivity.

Manufactured by Draeger Safety

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