



Performance

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|------------------------------------------|---------------------------------------|
| Measuring range | 0.02 to 0.2 mg |
| Sampling time | 45 seconds per 1 pump stroke (100 ml) |
| Detecting limit : | 0.002 mg |
| Colour change : | White → Brown |
| Corrections for temperature & humidity : | Unnecessary |
| Relative standard deviation : | 5 % (for 0.02 to 0.2 mg) |
| Shelf life : | 3 years |

Reaction principle

Gas generation tube : Sulphides + $\text{H}_2\text{SO}_4 \rightarrow \text{H}_2\text{S}$
Detector tube : $\text{H}_2\text{S} + \text{Pb}(\text{CH}_3\text{COO})_2 \rightarrow \text{PbS}$

Calibration method

Static gas dilution method