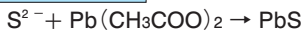
**Performance**

|   |   |
|---|---|
| Measuring range                             | 10 to 1000 ppm  |
| Sampling time                               | 2 min   |
| Detecting limit :                           | 1 ppm   |
| Colour change :                             | White → Brown   |
| Operating conditions :                      | Water temperature 0 to 50 °C (32 to 122 °F) correction not used |
| pH value :                                  | pH 5.0 to pH 12.5   |
| Relative standard deviation :               | 10 % (for 10 to 100 ppm), 5 % (for 100 to 1000 ppm)             |
| Tube quantity and number of tests per box : | 10 tubes for 10 tests   |
| Shelf life :                                | 36 months   |

**Reaction principle****Possible coexisting substances and their interferences**

| Substance                      | Concentration    | Interference | Changes colour by itself to |
|--------------------------------|------------------|--------------|-----------------------------|
| Carbonate ion $CO_3^{2-}$      | $\geq 500$ ppm   | +            | No                          |
| Chloride ion $Cl^-$            | $\geq 15000$ ppm | +            | No                          |
| Chromate ion $CrO_4^{2-}$      | $\geq 100$ ppm   | -            | Yellow                      |
| Sulphite ion $SO_3^{2-}$       | $\geq 100$ ppm   | -            | No                          |
| Thiosulphate ion $S_2O_3^{2-}$ | $\geq 100$ ppm   | +            | No                          |

**Calibration method**

Sodium sulphide ion standard solution