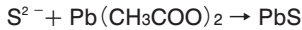
**Performance**

Measuring range	0.5 to 20 ppm
Sampling time	3 min
Detecting limit :	0.2 ppm
Colour change :	White → Brown
Operating conditions :	Water temperature 0 to 40 °C (32 to 104 °F) correction not used
pH value :	pH 4.0 to pH 11.5
Relative standard deviation :	15 % (for 0.5 to 5.0 ppm), 10 % (for 5.0 to 20 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
Sulphite ion SO <sub>3</sub> <sup>2-</sup>	≦ 20 ppm	No	No (≦ 1 %)
Chloride ion Cl <sup>-</sup>	≦ 100 ppm	No	No (≦ 5 %)
Hexavalent chromium Cr <sup>6+</sup>	≦ 0.2 ppm	–	Yellow (≧ 1 ppm)
Carbonate ion CO <sub>3</sub> <sup>2-</sup>	≦ 500 ppm	No	No (≦ 1 %)
Thiosulphate ion S <sub>2</sub> O <sub>3</sub> <sup>2-</sup>	≦ 20 ppm	No	No (≦ 1 %)
Iodide ion I <sup>-</sup>	≦ 200 ppm	No	Yellow (≧ 3000 ppm)
Sulphate ion SO <sub>4</sub> <sup>2-</sup>	≦ 100 ppm	No	No (≦ 1 %)
Phosphate ion PO <sub>4</sub> <sup>3-</sup>	≦ 100 ppm	No	No (≦ 1 %)

**Calibration method**

Sodium sulphide ion standard solution