

**Performance**

Measuring range	1 to 100 ppm
Sampling time	2 min
Detecting limit :	0.5 ppm
Colour change :	White → Brown
Operating conditions :	Water temperature 0 to 40 °C (32 to 104 °F) correction not used
pH value :	pH 3.5 to pH 12.0
Relative standard deviation :	10 % (for 1 to 10 ppm), 5 % (for 10 to 100 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-}	≧ 500 ppm	+	No
Chloride ion Cl^-	≧ 5000 ppm	+	No
Chromate ion CrO_4^{2-}	≧ 25 ppm	-	Yellow
Sulphite ion SO_3^{2-}	≧ 300 ppm	-	No
Thiosulphate ion $S_2O_3^{2-}$	≧ 50 ppm	Unclear demarcation	No

Calibration method

Sodium sulphide ion standard solution