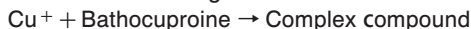


**Performance** The minimum scale value (1mg/l) is not printed on the tube, but only the scale line is printed.

Measuring range	(1) to 20 mg/l
Sampling time	5 min
Detecting limit :	0.5 mg/l
Colour change :	White → Orange
Corrections for water temperature :	Unnecessary (0 to 35°C)
pH value :	pH 4.0 to pH 6.0
Relative standard deviation :	15 % (for 1 to 5 mg/l), 10 % (for 5 to 20 mg/l)
Shelf life :	2 years (in the refrigerator)

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Zinc	$\text{Zn}^{2+}$ ≥ 5 mg/l	+	No (≤ 100mg/l)
Aluminum	$\text{Al}^{3+}$ ≥ 50 mg/l	+	No (≤ 100 mg/l)
Chromium(VI)	$\text{Cr}^{6+}$ ≤ 100mg/l	No	Pale yellow (≥ 100 mg/l)
Cobalt	$\text{Co}^{2+}$ ≤ 100mg/l	No	No (≤ 100 mg/l)
Cyanide ion	$\text{CN}^-$ ≥ 0.2 mg/l	-	No (≤ 100 mg/l)
Iron(III)	$\text{Fe}^{3+}$ ≤ 100 mg/l	No	No (≤ 100 mg/l)
Nickel	$\text{Ni}^{2+}$ ≥ 70 mg/l	+	No (≤ 100 mg/l)
Manganese	$\text{Mn}^{2+}$ ≥ 30 mg/l	+	No (≤ 100 mg/l)

### Calibration method

Copper standard solution