



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

Measuring range	(1) to 10 mg/L
Sampling time	3 min
Detecting limit	0 E ma/l

Detecting limit: 0.5 mg/L

Colour change : Pale blue → White

 $\label{eq:conditions:} Water temperature 0 to 40 °C (32 to 104 °F) correction used \\ Relative standard deviation: \\ 15 \% (for 1 to 4 mg/L), 10 \% (for 4 to 10 mg/L) \\$

Tube quantity and number of tests per box: 10 tubes for 10 tests

Shelf life: 36 months

Reaction principle

 $2O_3 + C_{16}H_{10}N_2O_2 \rightarrow 2C_8H_5NO_2 + 2O_2$

Possible coexisting substances and their interferences

Substance		Concentration	Interference	Changes colour by itself to
Hydrogen peroxide	H ₂ O ₂	≥ 0.05 mg/L	_	No
Residual chlorine	CIO -			White for whole layer
		≥ 500(CI) mg/L	White for whole layer	higher than 500 mg/L (Not produce demarcation)
Acid	H ⁺		+	No
Alkali	OH -		_	No

Calibration method

Ozone solution