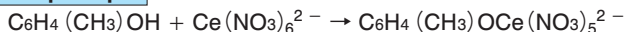


Performance

Measuring range	0.35 to 1 ppm	1 to 25 ppm	25 to 67.5 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	0.35	1	2.7
Sampling time	6 min	3 min	1.5 min

Detecting limit :	0.1 ppm (4 pump strokes)
Colour change :	Pale yellow → Gray
Operating conditions :	Temperature 10 to 40 °C (50 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	15 % (for 1 to 5 ppm), 10 % (for 5 to 25 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Phenol		+	} Gray White
Amines	≧ 2000ppm	+	
Ammonia	≧ 2000ppm	+	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
m-Cresol	Factor : 1.0	2	1 to 25 ppm
p-Cresol	Factor : 1.0	2	1 to 25 ppm

Calibration gas generation

Diffusion tube method