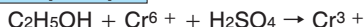


Performance

Measuring range	50 to 100 ppm	100 to 2000 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1/2	1
Sampling time	4 min	2 min

Detecting limit : 15 ppm (2 pump strokes)
 Colour change : Pale vermilion → Pale blue
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction used
 Relative humidity 20 to 90 % correction not used
 Relative standard deviation : 10 % (for 100 to 500 ppm), 5 % (for 500 to 2000 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
Alcohols		+	Pale blue
Acetone	≧ 1000 ppm	No	No (≧ 1000 ppm)
Ethyl acetate	≧ 500 ppm	No	No (≧ 500 ppm)
Toluene	≧ 300 ppm	No	No (≧ 300 ppm)
Benzene	≧ 70 ppm	No	No

Calibration gas generation

Diffusion tube method