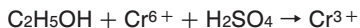


### Performance

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  
 Corrections for temperature & humidity : Temperature correction is necessary.  
 Relative standard deviation : 10 % (for 100 to 500 ppm), 5 % (for 500 to 2000 ppm)  
 Shelf life : 3 years

### 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