

Performance

Measuring range	0.002 to 0.004 %	0.004 to 0.02 %	0.02 to 1.5 %	1.5 to 4.5 %
Number of pump strokes	4 (400ml)	2 (200ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/9	1/5	1	3
Sampling time	4 min	2 min	1 min	30 sec

Detecting limit : 0.0004 % (4 pump strokes)

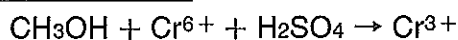
Colour change : Pink → Pale blue

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 0.02 to 0.5 %), 10% (for 0.5 to 1.5 %)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Carbon dioxide		No	} No
Carbon monoxide		No	
Sulphur dioxide		No	

Water vapour is trapped in the pretreatment (white) layer.

Calibration gas generation

Static gas dilution method