

## Performance

Measuring range	1.25 to 2.5 ppm	2.5 to 30 ppm	30 to 60 ppm
Number of pump strokes	5 (500 ml)	3 (300 ml)	2 (200 ml)
Correction factor	1/2	1	2
Sampling time	5 min	3 min	2 min

Detecting limit : 0.25 ppm (5 pump strokes)

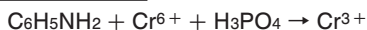
Colour change : Pale yellow → Pale green

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 2.5 to 10 ppm), 5 % (for 10 to 30 ppm)

Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Aromatic amines		+	Pale green
Ammonia	$\geq 1/10$	+	} No
Other amines	$\geq 1/10$	+	

## Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
N,N-Dimethylaniline	Factor : 1.0	3	2.5 to 30 ppm
N-Methylaniline	Factor : 1.4	2	3.5 to 42 ppm
o-Toluidine	Factor : 2.0	2	5 to 60 ppm

## Calibration gas generation

Diffusion tube method