

Performance

| | | | |
|------------------------|-----------------|---------------|--------------|
| Measuring range | 1.25 to 2.5 ppm | 2.5 to 30 ppm | 30 to 60 ppm |
| Number of pump strokes | 5 | 3 | 2 |
| Correction factor | 1/2 | 1 | 2 |
| Sampling time | 5 min | 3 min | 2 min |

Detecting limit : 0.25 ppm (5 pump strokes)

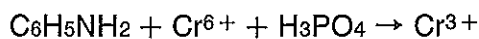
Colour change : Pale yellow → Pale green

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 (NOTE : Page 2-5)

| 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