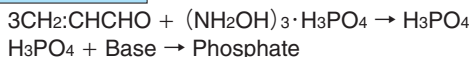


Performance

| | | |
|---|--|---------------|
| Measuring range | 3.3 to 10 ppm | 10 to 800 ppm |
| Number of pump strokes | 4 (400 mL) | 2 (200 mL) |
| Correction factor | 1/3 | 1 |
| Sampling time | 8 min | 4 min |
| Detecting limit : | 2ppm (4 pump strokes) | |
| Colour change : | Yellow → Red | |
| Operating conditions : | Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used | |
| Relative standard deviation : | 10 % (for 10 to 200 ppm), 5 % (for 200 to 800 ppm) | |
| Tube quantity and number of tests per box : | 10 tubes for 10 tests | |
| Shelf life : | 24 months (in the refrigerator) | |

Reaction principle



Possible coexisting substances and their interferences

| Substance | Concentration | Interference | Changes colour by itself to |
|---------------------|---------------|--------------|-----------------------------|
| Acetaldehyde | ≧ 1/5 | + | } Red |
| Acetone | ≧ 1/1 | + | |
| Methyl ethyl ketone | ≧ 3 times | + | |
| Ammonia | | - | } No |
| Sulphur dioxide | ≧ 1/5 | + | |

Calibration gas generation

Diffusion tube method