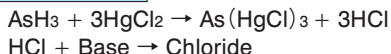


Performance The minimum scale value (0.1ppm) is not printed on the tube, but only the scale line is printed.

| | | | | |
|------------------------|-----------------|------------------|----------------|---------------|
| Measuring range | 0.04 to 0.1 ppm | (0.1) to 1.5 ppm | 1.5 to 2.4 ppm | 2.4 to 10 ppm |
| Number of pump strokes | 10 (1000 mL) | 5 (500 mL) | 3 (300 mL) | 1 (100 mL) |
| Correction factor | 0.4 | 1 | 1.6 | 6.7 |
| Sampling time | 15 min | 7.5 min | 4.5 min | 1.5 min |

Detecting limit : 0.02 ppm (10 pump strokes)
 Colour change : Yellow → Red
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used
 Relative humidity 0 to 90 % correction not used
 Relative standard deviation : 10 % (for 0.1 to 0.5 ppm) , 5 % (for 0.5 to 1.5 ppm)
 Tube quantity and number of tests per box : 10 tubes for 10 tests
 Shelf life : 27 months

Reaction principle



Possible coexisting substances and their interferences

| Substance | Concentration: | Interference | Changes colour by itself to |
|-------------------|----------------|--------------|-----------------------------|
| Phosphine | ≥ 1/10 | + | Red |
| Diborane | | No | } No |
| Hydrogen chloride | | No | |

Calibration gas generation

High pressure gas cylinder method