

# Uniphos Detector Strips Data Sheet

## Arsine

## AsH<sub>3</sub>

TWA (TLV): 0.005 ppm

STEL (TLV): NA

Flammable Range: 5.1 – 78 %

### Specification:

|                   |   |
|-------------------|---|
| Measurement Range | 0.05 to 3 ppm                           |
| Colour Change     | Yellow → Pink                           |
| Shelf Life        | 2 year                                  |
| Storage condition | Cool and dark place - Below 10°C (50°F) |

### Sensitivity Table:

| Concentration of Arsine in ppm | Exposure Time | Color Change        |
|--------------------------------|---------------|---------------------|
| 0.05                           | 6 hours       | Yellow – Light pink |
| 0.5                            | 30 minutes    | Yellow – Light pink |
| 1                              | 20 minutes    | Yellow – pink       |
| 2                              | 15 minutes    | Yellow – pink       |
| 3                              | 10 minutes    | Yellow – pink       |

### Possible Interferences:

| Compound         | Concentration | Interference | Color Change  |
|------------------|---------------|--------------|---------------|
| H <sub>2</sub> S |               | +            | Yellow – Pink |
| PH <sub>3</sub>  |               | +            | Yellow – Pink |
| HCN              |               | +            | Yellow – Pink |
| Acid Gases       |               | +            | Yellow – Pink |



**Manufactured By:** Uniphos Envirotronic Pvt. Ltd.  
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