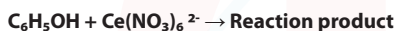


**Specification :**

|                                 | Extended                            | Standard   | Extended    |
|---------------------------------|-------------------------------------|------------|-------------|
| Measurement Range               | 0.5 – 1 ppm                         | 1 - 25 ppm | 25 - 50 ppm |
| No. of Pump Strokes             | 4 (400 ml)                          | 2 (200 ml) | 1 (100 ml)  |
| Volume Correction Factor (VCF)* | 0.5                                 | 1.0        | 2.0         |
| Sampling Time                   | 2.0 minute per pump stroke (100 ml) |            |             |
| Color Change                    | Yellow → Gray                       |            |             |
| Detection Limit                 | 0.2 ppm (4 pump strokes)            |            |             |
| Shelf Life                      | 1 year                              |            |             |
| Relative standard deviation     | ± 10 – 15 %                         |            |             |

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

**Reaction Principle :****Possible Interferences :**

| Compound          | Concentration (ppm) | Interference | Color Change / Comments |
|-------------------|---------------------|--------------|-------------------------|
| Cresol            |                     | +            | Gray                    |
| Nitrogen dioxide  | ≥ 400               | No           | No Effect               |
| Sulfur dioxide    | ≥ 200               | No           | No Effect               |
| Hydrogen sulphide | ≥ 100               | No           | No Effect               |
| Benzene           | ≥ 2000              | No           | No Effect               |

**Correction For Environmental Parameters :**

|                   |  |
|-------------------|--|
| Temperature       | Not necessary between 0 - 40°C (32 - 104°F). |
| Relative humidity | Not necessary between 10 - 90 %.             |

**Calibration Of The Tube :**

Static gas dilution method.