

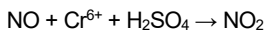


### Specification:

|                                 |                                      |               |               |
|---------------------------------|--------------------------------------|---------------|---------------|
| Measurement Range               | Extended                             | Standard      | Extended      |
|                                 | Do not extend                        | (5) - 250 ppm | Do not extend |
| No. of Pump Strokes             | 2 (200 ml)                           |               |               |
| Volume Correction Factor (VCF)* | 1.0                                  |               |               |
| Sampling Time                   | 1.5 minutes per pump stroke (100 ml) |               |               |
| Color Change                    | White → Orange                       |               |               |
| Detection Limit                 | 5 ppm (2 pump strokes)               |               |               |
| Shelf Life                      | 2 years                              |               |               |
| Relative standard deviation     | ± 10 to 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 |
|-------------------|---------------------|--------------|-------------------------|
| Chlorine, Bromine |                     | +            | Orange                  |
| Carbon monoxide   | ≤3000               | No           | No effect               |
| Sulfur dioxide    | ≤200                | No           | No effect               |
| Hydrogen sulfide  | ≤100                | No           | No effect               |
| Carbon dioxide    | ≤10 %               | 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 :

High pressure gas cylinder method.

TLV (TWA): 25 ppm

TLV (STEL): -----

Flammable Range: N.A..