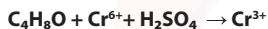


**Specification :**

|                                 | Extended                             | Standard     | Extended      |
|---------------------------------|--------------------------------------|--------------|---------------|
| Measurement Range               | Do not extend                        | 0.02 - 0.6 % | Do not extend |
| No. of Pump Strokes             |                                      | 3 (300 ml)   |               |
| Volume Correction Factor (VCF)* |                                      | 1            |               |
| Sampling Time                   | 1.5 minutes per pump stroke (100 ml) |              |               |
| Color Change                    | Orange → Brownish green              |              |               |
| Detection Limit                 | 0.01 % (3 pump strokes)              |              |               |
| Shelf Life                      | 2 years                              |              |               |
| 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 |
|-----------------------|---------------------|--------------|-------------------------|
| Alcohols              |                     | +            | Brownish green          |
| Esters                |                     | +            | Brownish green          |
| Ketones               |                     | +            | Brownish green          |
| Aromatic hydrocarbons |                     | +            | Brownish green          |
| Hydrogen sulfide      | ≥250                | +            | Brownish green          |
| Methane               | ≤2.5 %              | 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.