

**Part No. D5086831**

**Part No. (US): 804418**

## Performance :

Measurement Range	200 - 4000 ppm
Number of Strokes	3
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	Orange → Green/Brown-black

## Reaction Principle :

$C_3H_8 + Cr^{6+} + H_2SO_4 \rightarrow Cr^{3+} + \text{Other reaction products}$

## Operating Conditions :

Detector tubes can be used without compensation of the reading between 0 °C and 40 °C (32 °F and 104 °F) and between 10% RH (0.5 mg/l at 0°C [32 °F]) and 90% RH (46 mg/l at 40°C [104°F]).

## Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon dioxide, Carbon monoxide	No interference
Sulphur dioxide	No interference up to 5000 ppm
Nitrogen dioxide	No interference up to 1000 ppm
Hydrogensulphide, Aromatic Hydrocarbons, Olefinic Hydrocarbons (e.g. Ethylene), Acetylene, Carbon disulfide.	Are indicated. The sensitivity of indication is lower than for propane



TLV(TWA): 1000 ppm

TLV(STEL): N.A.

Flammable Range: 2.1 - 9.5%