# **Hydrocarbon-2 (as n-Octane)**



Part No. (US): D7086888

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#### Performance:

Measurement Range	2 - 24 mg/l
Number of Strokes	3
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	Orange → Brownish green

### **Reaction Principle:**

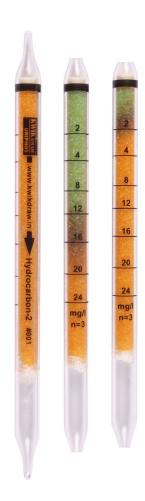
 $C_nH_{2n+2} + Cr^{6+} + H_2SO_4 \rightarrow Cr^{3+} + Other reaction products$ 

## **Operating Conditions:**

Detector tubes can be used without compensation of the reading between 0  $^{\circ}$ C and 40  $^{\circ}$ C (32  $^{\circ}$ F and 104  $^{\circ}$ F) and up to 80% RH [40 mg/l at 40  $^{\circ}$ C (104  $^{\circ}$ F)].

#### Interferences and Cross Sensitivities:

Compound	Interference
All hydrocarbons	Will be detected. Sensitivity of indication may vary.



TLV(TWA): 300 ppm TLV(STEL): N.A. Flammable Range: 0.8 - 6.5%