# Petroleum Hydrocarbon-10 Part No. D7086876 Part No. (US):D7086876

#### Performance:

Measurement Range	10 - 2500 ppm (as n-Octane)
Number of Strokes	2
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	White → light brown/light green

## **Reaction Principle:**

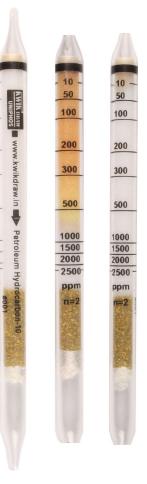
 $C_nH_{2n+2} + I_2O_5 + H_2S_2O_7 \rightarrow I_2$ 

## **Operating Conditions:**

Detector tubes can be used without compensation of the reading between 0 °C and 40 °C (32 °F and 104 °F) and up to 80% RH (40 g/m3 at 40 °C [104 °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%

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