Hydrocarbon-0.1 Part No. D7086891



Performance:

1		
Measurement Range	Propane	0.1 - 1.3 %
	Butane	0.1 - 1.3 %
	Pentane	0.1 - 1.5 %
	Propane+Butane Mixture (1:1)	0.1 - 1.3 %
Number of Strokes	1	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	Greenish brown 🔶 Pear 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 °C and 40 °C (32 °F and 104 °F) and up to 90% RH [46 mg/l at 40 °C (104 °F)].

Interferences and Cross Sensitivities:

Compound	Interference
Higher saturated hydrocarbons, olefinic hydrocarbons (e.g. Ethylene), Acetylene and Carbon disulphide	Will be detected. Sensitivity of indication lower than that for propane



TLV(TWA):

TLV(STEL): N.A.

Flammable Range:

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