

Part No. D5086819

Part No. (US): 804135

Performance :

Measurement Range	10 - 300 ppm
Number of Strokes	10
Sampling Time	10 - 20 seconds per stroke
Relative Standard Deviation	up to ± 35 %
Colour Change	White → Yellow

Reaction Principle :

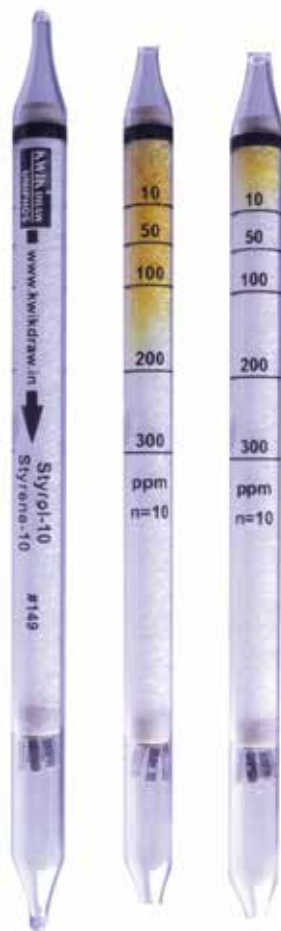
$C_6H_5C_2H_3 + H_2SO_4 \rightarrow \text{Reaction product}$

Operating Conditions :

Detector tubes can be used without compensation of the reading between 10°C and 30°C (50°F and 86°F) and between 10 % RH (0.9 mg/l at 10°C [32 °F]) and 80 % RH (24 mg/l at 30 °C [86°F]).

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon monoxide, Carbon dioxide	No interference
Benzene, Toluene, Higher saturated (e.g. Octanes), Methanol.	No interference up to 1000 ppm
Unsaturated hydrocarbons, (e.g. Butadiene)	Are indicated. The sensitivity of indication is different.



TLV(TWA): 10 ppm

TLV(STEL): 20 ppm

Flammable Range: 1.1 - 6.1 %