

# Ethylmercaptan-0.5

**KWIK DRAW**  
UNI PHOS

Part No. D5086815

Part No. (US): 804589

## Performance:

Measurement Range	10 - 100 ppm	0.5 - 5 ppm
Number of Strokes	1	10
Sampling Time	25 - 35 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	White → Yellow	

## Reaction Principle:

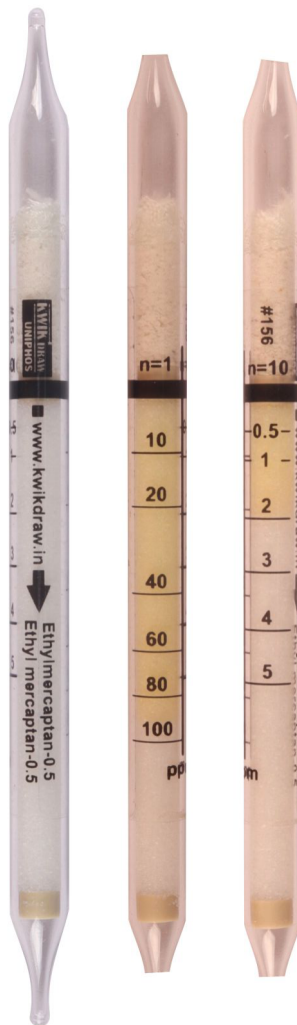
$C_2H_5SH + Pd \text{ salt} \rightarrow \text{Yellow reaction product}$

## Operating Conditions:

Detector tubes can be used between 5 °C and 40 °C (41 °F and 104 °F) and between 10% RH (0.7 mg/l at 5°C [41°F]) and 90% RH (46 mg/l at 40°C [104°F]).

## Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon dioxide	No interference
Higher saturated hydrocarbons (e.g. Butanes, Hexanes), Olefinic hydrocarbons (e.g. Ethylene) Aromatic hydrocarbons (e.g. Benzene), Carbon monoxide, thioethers (e.g. Dimethyl sulfide, Tetrahydrothiophene), Carbon disulphide up to 1000 ppm (n=10)	No interference up to 1000 ppm (n=10)
Hydrogen sulfide discolors the protective layer from white to brown. Do not use detector tube if protective layer has totally changed the colour	No interference up to 80 ppm (n=10)



TLV(TWA): 0.5 ppm

TLV(STEL): N.A.

Flammable Range: 3 - 18%