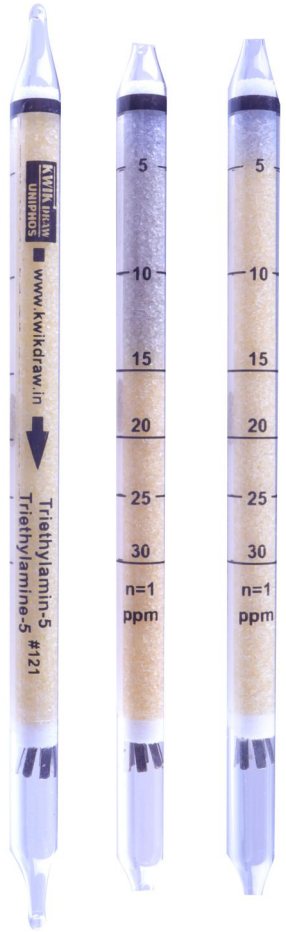
Triethylamine-5

Part No. D5086816

KWIK DRAW UNIPHOS

Part No. (US): 804134



Performance:

Measurement Range	5 - 30 ppm
Number of Strokes	1
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	Pink or Yellow ⟶ Green or Blue

Reaction Principle:

$N(C_2H_5)_3$ + pH indicator → Color change of pH indicator

Operating Conditions:

Detector tubes can be used between 10°C and 30°C (50 °F and 86 °F) and in the humidity range between 5 mg/l (50 % RH at 10 °C [50 °F], 30 % RH at 20 °C [68 °F], 15 % RH at 30 °C [86 °F] and 12 mg/l (70 % RH at 20 °C [68 °F], 40 % RH at 30 °C [86 °F]).

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon Monoxide	No interference
Carbon dioxide.	No interference up to 1 vol %
Nitrogen dioxide, Hydrogen sulfide up to	No interference up to 50 ppm.
Ammonia and other alkaline gases and vapors (e.g. hydrazine)	Will be indicated. The sensitivity of indication is different.
Strong acid gases (e.g. Sulfur dioxide, Hydrogen chloride)	Are not indicated but will decrease stain length of triethylamine indication even when concentrations correspond to measuring range of detector tube.

TLV(TWA): 1 ppm TLV(STEL): 3 ppm Flammable Range: 1.2 - 8 %