

Acetic Acid-1

KWIK DRAW
UNIPHOS

Part No. D5086821

Part No. (US): 804138

Performance:

| | | |
|-----------------------------|----------------------------|------------|
| Measurement Range | 5 - 80 ppm | 1 - 15 ppm |
| Number of Strokes | 1 | 5 |
| Sampling Time | 20 - 30 seconds per stroke | |
| Relative Standard Deviation | ±15 to ± 25 % | |
| Colour Change | Pink → Yellow | |

Reaction Principle:

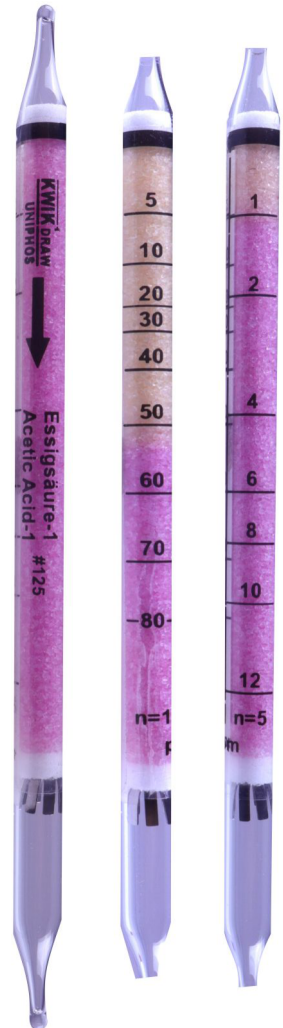
$\text{CH}_3\text{COOH} + \text{Base} + \text{pH indicator} \rightarrow \text{Reaction product}$

Operating Conditions:

Detector tubes can be used without compensation of reading between 5 °C and 30 °C (41 °F and 86 °F) and between 10 % RH (0.7 mg/l at 5 °C [41 °F]) and 80 % RH (24 mg/l at 30 °C [86 °F]).

Interferences and Cross Sensitivities:

| Compound | Interference |
|---|---|
| Hydrogen, Methane, Ethane, Carbon dioxide | No interference up to 50 Vol% |
| Strong acid gases (e.g. Sulphur dioxide, Hydrogen chloride) | Will be indicated with different sensitivity. |
| Alkaline gases (e.g. Ammonia, amines) | Are not indicated but will decrease stain length of acetic acid indication. |



TLV(TWA): 10 ppm

TLV(STEL): 15 ppm

Flammable Range: 4 - 19.9%