Vinyl Chloride-1

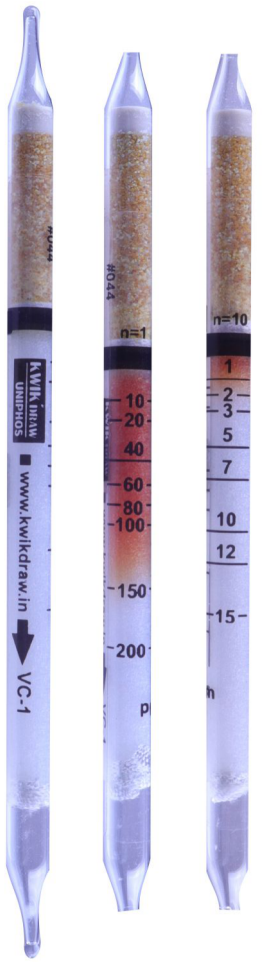
KWIK DRAW
UNIPHOS

Part No. D5085837

Part No. (US): 803950

Performance:

Measurement Range	10 - 200 ppm	1 - 15 ppm
Number of Strokes	1	10
Sampling Time	25 - 35 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	White ⟶ Orange	



Reaction Principle:

$C_2H_3Cl + Cr^{6+} + H_2SO_4 \rightarrow Cl_2$
Cl_2 + Aromatic amine → Reaction product

Operating Conditions:

Detector tubes can be used without compensation of the reading between 5°C and 35°C (40°F and 95°F) and between 10% RH (0.7 mg/l at 5°C [40°F]) and 90% RH (36 mg/l at 35°C [95°F]).

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Carbon Monoxide, Carbon dioxide.	No interference
Propane, Butane, Chloromethane, Dichloromethane, Carbon tetrachloride, Bromomethane, Fluorinated Methane/ Ethane	No interference up to 5000 ppm (n=1) or 10000 ppm (n=10).
Easily oxidizable halogenated hydrocarbons (e.g. Trichloroethylene, Dichloroethylene, Perchloroethylene), Halogens (Chlorine, Bromine), Hydrogen Chloride, Phosgene, Nitric oxide, Nitrogen dioxide	Will be indicated, but with different sensitivity.
Oxidizable gases and vapors (e.g. Hydrocarbons, Hydrogen sulphide)	Vinyl chloride indication may be lower than actually present.

TLV(TWA): 1 ppm TLV(STEL): N.A. Flammable Range: 3.6 - 33%