Methyl Bromide-2

KWIK DRAW UNIPHOS

Part No. D5086845

Part No. (US): 710391

Performance:

Measurement Range	10 - 140 ppm	1 - 10 ppm
Number of Strokes	1	6
Sampling Time	30 - 50 seconds per stroke	
Relative Standard Deviation	± 25 %	
Colour Change	White ⟶ Yellow	

Reaction Principle:

$CH_3Br + Cr^{6+} + H_2SO_4 \rightarrow Br_2$

Br_2 + o-Tolidine → Reaction product

Operating Conditions:

Detector tubes can be used between 0°C and 40°C (32°F and 104°F). Water vapor up to 90 % R.H.(46 mg/l at 40 °C (104 °F) will not affect the accuracy of indication.

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Carbon monoxide, Carbon dioxide	No interference
Easily oxidizable halogenated hydrocarbons, Halogens, Hydrogen chloride, Nitrogen dioxide	Will be indicated but sensitivity of indication varies.
In presence of oxidizable gases and vapours (e.g. Hydrocarbons)	Layer of the pre-tube will be consumed, may reduce methyl bromide indication
High concentration of oxidizable gases and vapors accompanying substances	Discolor the prelayer from brown to greenish color.

TLV(TWA): 1 ppm TLV(STEL): N.A. Flammable Range: 10 - 16%