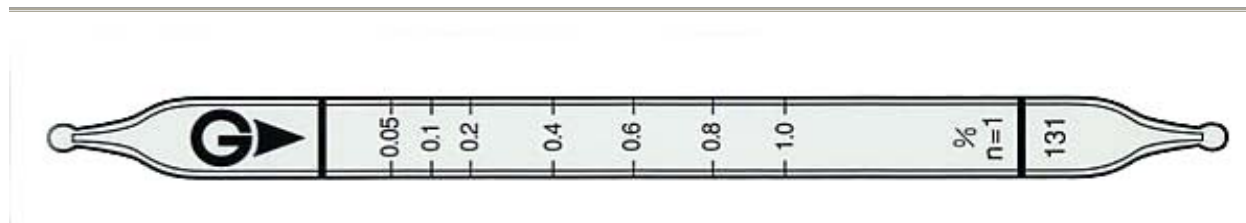


Vinyl chloride



NO.131



Performance

Measuring Range	0.025 to 0.05 %	0.05 to 1 %	1 to 2 %
Number of Pump Strokes	2	1	1/2
Correction Factor	1/2	1	2
Sampling Time	1 minutes per pump stroke		
Detecting Limit	0.005 % (n=2)		
Colour Change	Orange → Dark green		
Reaction Principle	$\text{CH}_2\text{:CHCl} + \text{Cr}^{6+} + \text{H}_2\text{SO}_4 \rightarrow \text{Cr}^{3+}$		
Coefficient of Variation	10% (for 0.05 to 0.2 %), 5% (for 0.2 to 1 %)		
Shelf Life	3 Years		
Corrections for temperature & humidity	Unnecessary		
Store the tubes at cool and dark place.			

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Organic solvents	-	Plus error	Dark green

Calibration gas generation Static gas dilution method

TLV-TWA	TLV-STEL	Explosive range
1 ppm	-	3.6 to 23 %