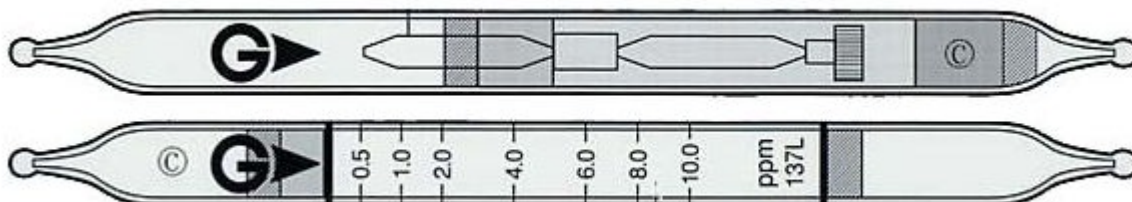


Chloroform **CHCl₃****NO. 137L****Performance**

Measuring Range	0.5 to 10 ppm	10 to 27 ppm
Number of Pump Stroke	5	3
Correction Factor	1	2.7
Sampling Time	2 minutes per pump stroke	
Detecting Limit	0.1 ppm (n=5)	
Color Change	White → Pale purple	
Reaction Principle	Chloroform is oxidized by nascent oxygen to liberate acid gas. It reacts with 3,3-Dimethylnaphthidine to produce pale purple stain.	
Coefficient of Variation	10% (for 0.5 to 2 ppm), 5% (for 2 to 10 ppm)	
Shelf Life	1 Year	
Corrections for temperature & humidity	Temperature correction is necessary	
Store the tubes in the refrigerator to keep at 10°C (50°F) or below.		

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Cl ₂ , Br ₂ , I ₂	1/20 time	Plus error	Produce pale purple stain
Unsaturated halogenated HCs	1/20 time	Plus error	Produce pale purple stain
Saturated halogenated HCs	1/2 time	Plus error	Produce pale purple stain

Calibration gas generation Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
10ppm	-	-

Phone (toll free): 877-312-2333 Fax (toll free) 877-312-2444

Policy Statement and Legal Notices

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