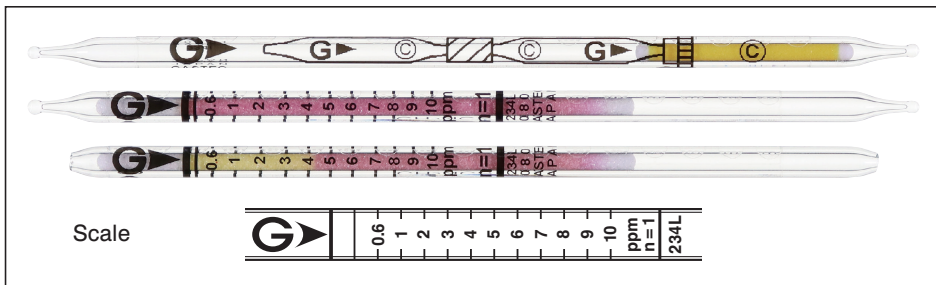


# Methyl Isothiocyanate $\text{CH}_3\text{NCS}$ No.234L



## Performance

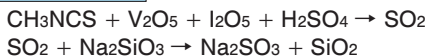
When used, these tubes are to be connected.

The minimum scale value (0.3ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.07 to 0.3 ppm	(0.3) to 10 ppm	10 to 25 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.24	1	2.5
Sampling time	4 min	2 min	1 min

Detecting limit :	0.010 ppm (2 pump strokes)
Colour change :	Pink → Yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.3 to 3 ppm) , 5 % (for 3 to 10 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	24 months

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Carbon dioxide	$\leq 70 \%$	No	Slightly orange for whole layer ( $\geq 40 \%$ )
Sulphuryl fluoride	$\leq 10 \text{ ppm}$	No	No

## Calibration gas generation

Diffusion / Permeation tube method