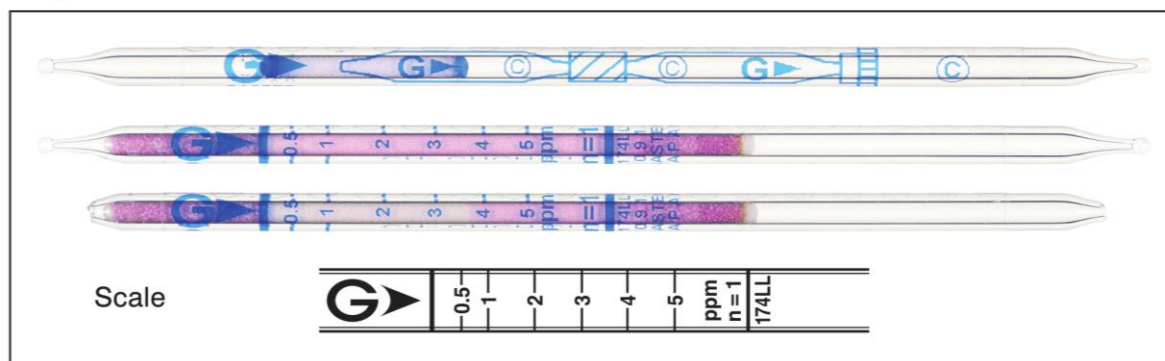




1,3-Butadiene CH₂:CHCH:CH₂

Part No.:174LL

1,3-Butadiene CH₂:CHCH:CH₂ No.174LL



Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	0.5 to 5 ppm
Number of pump strokes	1 (100 mL)
Correction factor	1
Sampling time	3 min
Detecting limit :	0.1 ppm (1 pump stroke)
Colour change :	Pink → Pale yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.5 to 1 ppm) , 5 % (for 1 to 5 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	36 months (in the refrigerator)

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Ammonia		No	No
Carbon monoxide		No	
Carbon dioxide		No	
Hydrogen sulphide		No	
Hydrogen cyanide		No	
Acetylene	≥ 50 ppm	+	White
Olefins		+	Pale yellow

Calibration gas generation

Permeation tube method