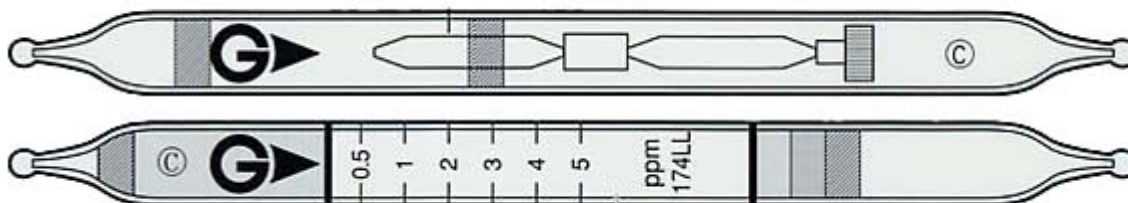


1,3-Butadiene CH₂:CHCH:CH₂**NO.174LL****Performance**

Measuring Range	0.5 to 5 ppm
Number of Pump Strokes	1
Correction Factor	1
Sampling Time	3 minutes per pump stroke
Detecting Limit	0.1 ppm (n=1)
Color Change	Pink → Pale Yellow
Reaction Principle	CH ₂ :CHCH:CH ₂ + KMnO ₄ → Reaction Product
Coefficient of Variation	10% (for 0.05 to 1 ppm-hr), 5% (for 2 to 5 ppm-hr)
Shelf Life	3 Years
Corrections for temperature & humidity	Unnecessary
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
Ammonia	-	No effect	No discoloration
CO & CO ₂	-	No effect	No discoloration
Humidity Correction ₂ S, HCN	-	No effect	No discoloration
Acetylene	50 ppmr	Plus error	Discolors to white
Olefins	-	Plus error	Discolors pale yellow

Calibration gas generation Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
2ppm	-	2.0 to 12%

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Policy Statement and Legal Notices

Nextteq is Gastec's Exclusive U.S. Master Wholesale Distributor. Gastec tubes and pumps are manufactured by the Gastec Corporation.