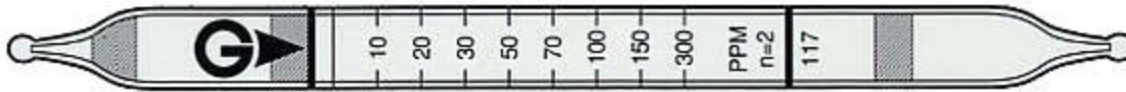


Isopentyl alcohol(CH₃)₂CHCH₂CH₂OH
(i-C₅H₁₂O Humidity Correction 11 OH)**NO.117****Performance**

Measuring Range	5 to 300 ppm
Number of Pump Strokes	2
Correction Factor	1
Sampling Time	3 minutes per pump stroke
Detecting Limit	1 ppm (n=2)
Color Change	Yellow → Pale blue
Reaction Principle	Isoamyl alcohol reduces potassium dichromate to form chromic sulfate, which is blue in color $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{OH} + \text{Cr}^{6+} \text{ Twin Tubes} + \text{H}_3\text{PO}_4 \longrightarrow \text{Cr}^{3+}$
Coefficient of Variation	15% (for 5 to 30 ppm), 10% (for 30 to 300 ppm)
Shelf Life	3 Years
Corrections for temperature & humidity	Temperature correction is necessary
Store the tubes at cool and dark place.	

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Alcohols	-	Plus error	Produce similar stain by themselves.

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
100ppm	125ppm	1.2 to 9%

Nextteq LLC – 8406 Benjamin Rd., Suite J, Tampa FL 33634, USA

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

[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.