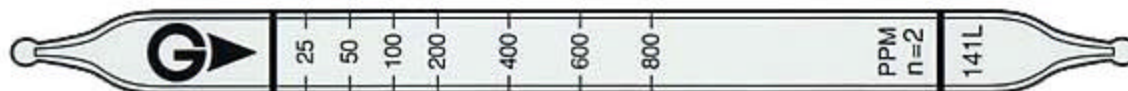


Ethyl acetate CH₃CO₂C₂Humidity Correction₅**NO.141L****Performance**

Measuring Range	25 to 800 ppm
Number of Pump Strokes	2
Correction Factor	1
Sampling Time	3 minutes per pump stroke
Detecting Limit	5 ppm (n=2)
Color Change	Yellow → Blackish brown → Pale blue after few minute
Reaction Principle	$\text{CH}_3\text{CO}_2\text{C}_2\text{Humidity Correction}_5 + \text{Cr}^{6+} \text{H}_2\text{SO}_4 \longrightarrow \text{Cr}^{3+}$
Coefficient of Variation	15% (for 25 to 200 ppm), 10% (for 200 to 800 ppm)
Shelf Life	2 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	Discolors greenish brown
Ketones	-	Plus error	Discolors greenish brown
Esters	-	Plus error	Discolors greenish brown
Aromatic HCs	-	Plus error	Discolors greenish brown

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
400ppm	-	2 to 11.5%

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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.