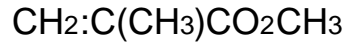
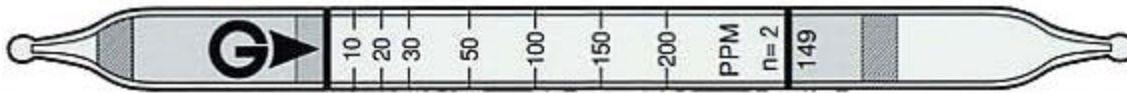


Methyl methacrylate**NO.149****Performance**

Measuring Range	10 to 200 ppm	200 to 500 ppm
Number of Pump Strokes	2	1
Correction Factor	1	2.5
Sampling Time	4 minutes per pump stroke	
Detecting Limit	1 ppm (n=2)	
Color Change	Yellow → Pale blue	
Reaction Principle	Methyl methacrylate is reduced by chromic acid to produce pale blue stain.	
Coefficient of Variation	10% (for 10 to 50 ppm), 5% (for 50 to 200 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, Esters, Ketones	-	Plus error	Produce pale blue discoloration

Other substance measurable with this detector tube

Tube 149 Reading (n=2)	10	20	30	50	100	150	200
Allyl isothiocyanate conc. (ppm)	5	10	15	30	70	130	200

Calibration gas generation Diffusion tube method

TLV-TWA	TLV-STEL	Explosive range
50ppm	100ppm	1.7 to 8.2%

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.