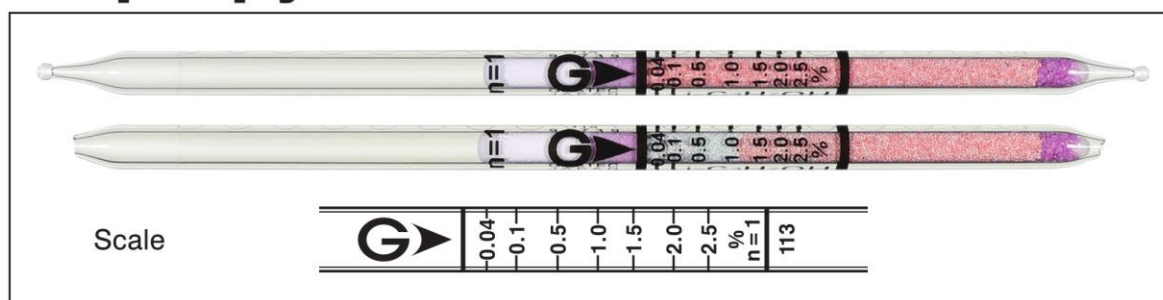




Isopropyl Alcohol

Part No.: 113

Isopropyl Alcohol $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ or i- $\text{C}_3\text{H}_7\text{OH}$ No.113



Performance

Measuring range	0.02 to 0.04 %	0.04 to 2.5 %	2.5 to 5.0 %
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2
Sampling time	2 min	1 min	30 sec
Detecting limit :	0.004 % (2 pump strokes)		
Colour change :	Pale vermillion → Pale blue		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	15 % (for 0.04 to 0.5 %), 10 % (for 0.5 to 2.5 %)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols		+	Pale blue
Carbon dioxide		No	} No
Carbon monoxide		No	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Propyl alcohol	Factor : 1.0	1	0.04 to 2.5 %

Calibration gas generation

Static gas dilution method