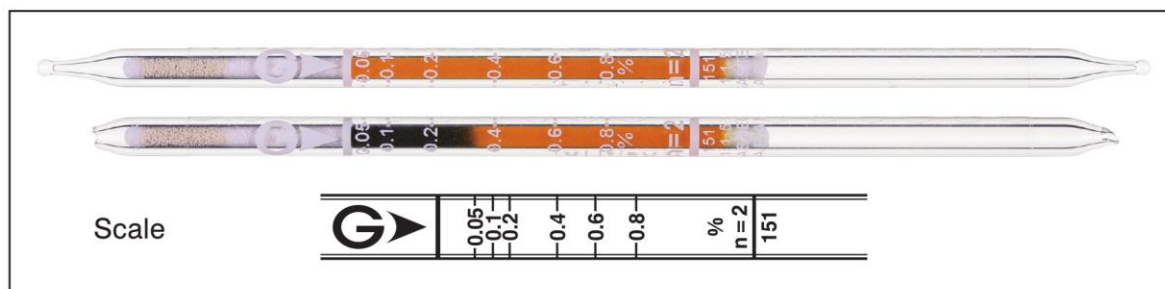
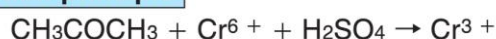


**Acetone** CH₃COCH₃**Part No.: 151****Acetone** CH₃COCH₃**No.151****Performance**

Measuring range	0.05 to 0.8 %	0.8 to 2.0 %
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.5
Sampling time	3 min	1.5 min
Detecting limit :	0.003 % (2 pump strokes)	
Colour change :	Yellowish brown → Greenish brown	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used	
	Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 0.05 to 0.2 %), 5 % (for 0.2 to 0.8 %)	
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
Propane	≥ 0.2%	Cannot use	Greenish brown (whole layer) (≥ 0.2 %)
Aromatic hydrocarbons	≥ 500 ppm	+	} Greenish brown (≥ 500 ppm)
Hydrogen sulphide	≥ 500 ppm	+	
Alcohols, Esters, Ketones		+	Greenish brown
Sulphur dioxide	≥ 500 ppm	+	Green (≥ 500 ppm)

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Cyclohexene	Factor : 1.0	1	0.05 to 0.8%

Calibration gas generation

Diffusion tube method