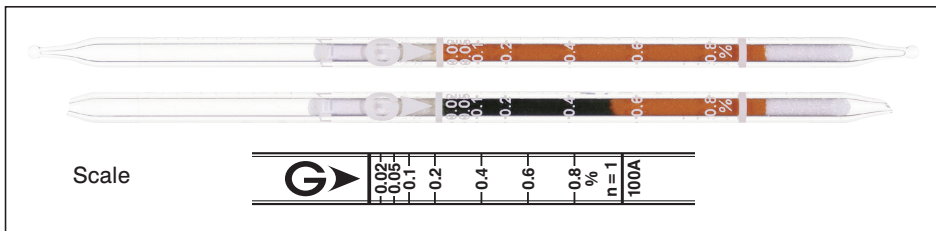


LP-Gas (LPG) Hydrocarbons (C₃ · C₄)

No. 100A

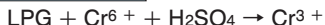


Performance

This detector tube is calibrated with Propylene.

Measuring range	0.02 to 0.8 %
Number of pump strokes	1 (100 mL)
Correction factor	1
Sampling time	2 min
Detecting limit :	0.002 % (1 pump stroke)
Colour change :	Yellowish brown → Greenish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.02 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
Esters, Ketones	≥ 2000 ppm	+	} Greenish brown
Hydrocarbons (≥ C ₃)		+	

Substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Propylene	Factor : 1	1	0.02 to 0.8 %
Xylene	by scale	2	0.1 to 1.2 %

Calibration gas generation

Static gas dilution method