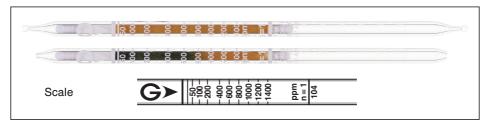
Butane C4H10



Performance The minimum scale value (25ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(25) to 1400 ppm
Number of pump strokes	1 (100 mL)
Correction factor	1
Sampling time	3 min

Detecting limit: 5 ppm (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 25 to 400 ppm), 5 % (for 400 to 1400 ppm)

Tube quantity and number of tests per box: 10 tubes for 10 tests

Shelf life: 36 months

Reaction principle

 $C_4H_{10} + Cr^6 + H_2SO_4 \rightarrow Cr^3 +$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Organic solvents		+	Dark green

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Isobutane	Factor: 2.2	1	55 to 3080 ppm
Pentane	Factor : 1.2	1	30 to 1680 ppm

Calibration gas generation

Static gas dilution method