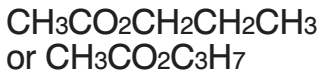
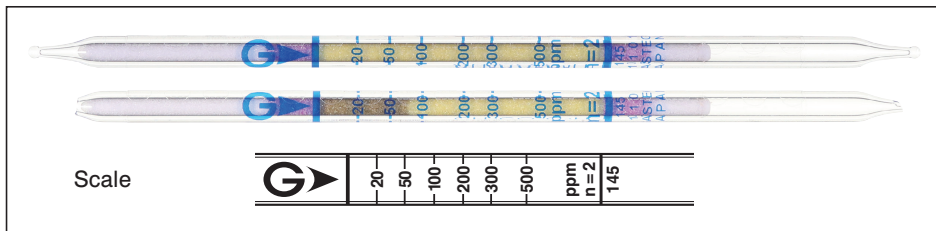


# Propyl Acetate



## No. 145



### Performance

Measuring range	20 to 500 ppm
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	3 min
Detecting limit :	3 ppm (2 pump strokes)
Colour change :	Yellow → Blackish brown (few minutes later) → 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 20 to 100 ppm), 10 % (for 100 to 500 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months

### Reaction principle



### Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols (methanol)		+	Pale blue ( $\geq 5$ ppm)
Ketones (acetone)		+	Blackish brown ( $\geq 10$ ppm)
Esters (methyl acetate)		+	No stain observed immediately. A blackish brown colour observed later ( $\geq 30$ ppm)

### Calibration gas generation

Diffusion tube method