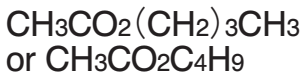
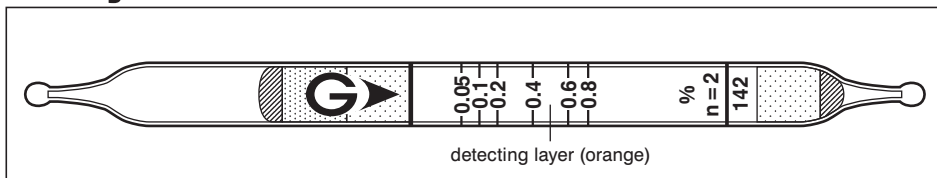


# Butyl Acetate



No.142



## Performance

Measuring range	0.05 to 0.8 %
Number of pump strokes	2 (200 ml)
Correction factor	1
Sampling time	1.5 min
Detecting limit :	0.015 % (2 pump strokes)
Colour change :	Orange → Greenish brown
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	15 % (for 0.01 to 0.2 %), 10 % (for 0.2 to 0.8 %)
Shelf life :	3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Propane	$\geq 0.2 \%$	Cannot use	Pale brown (whole layer) ( $\geq 0.2 \%$ )
Alcohols, Esters, Ketones		+	Greenish brown
Toluene	$\geq 25 \text{ ppm}$	} Two layers (Greenish brown & Pale brown)	Pale brown ( $\geq 15 \text{ ppm}$ )
Hydrogen sulphide	$\geq 100 \text{ ppm}$		Greenish brown ( $\geq 25 \text{ ppm}$ )
Sulphur dioxide	$\geq 100 \text{ ppm}$		Brown ( $\geq 50 \text{ ppm}$ )

## Calibration gas generation

Static gas dilution method