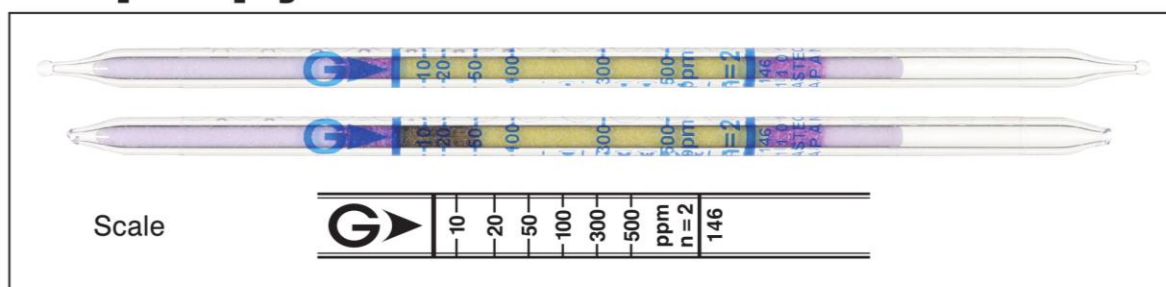




Isopropyl Acetate

Part No.: 146

Isopropyl Acetate $\text{CH}_3\text{CO}_2\text{CH}(\text{CH}_3)_2$ or i- $\text{CH}_3\text{CO}_2\text{C}_3\text{H}_7$ No.146



Performance

Measuring range	10 to 500 ppm
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	3 min
Detecting limit :	4 ppm (2 pump strokes)
Colour change :	Yellow → Blackish 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 10 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 (≥ 5 ppm)
Ketones (acetone)		+	Blackish brown (≥ 10 ppm)
Esters (methyl acetate)		+	No stain observed immediately. A blackish brown colour observed later (≥ 30 ppm)

Calibration gas generation

Diffusion tube method