



Methyl Ethyl Ketone CH₃COC₂H₅

Part No.: 152

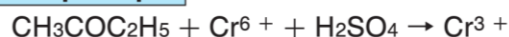
Methyl Ethyl Ketone CH₃COC₂H₅ No.152



Performance

Measuring range	0.02 to 0.6 %
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	3 min
Detecting limit :	0.002 % (2 pump strokes)
Colour change :	Yellowish brown → Greenish 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 0.02 to 0.2 %), 5 % (for 0.2 to 0.6 %)
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
Propane	≥ 0.2 %	Cannot use	Greenish brown (whole layer) (≥ 0.2 %)
Alcohols, Esters, Ketones		+	Greenish brown
Aromatic hydrocarbons	≥ 500 ppm	+	} Greenish brown (≥ 500 ppm)
Hydrogen sulphide	≥ 500 ppm	+	
Sulphur dioxide	≥ 500 ppm	+	
			Green (≥ 500 ppm)

Calibration gas generation

Static gas dilution method