

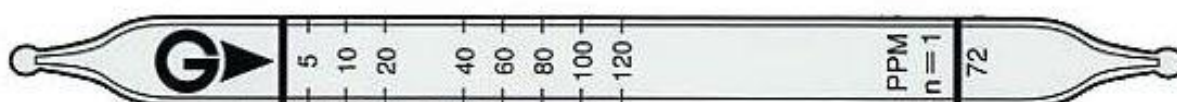


The people with the solutions that protect you and your environment everyday

Gastec Tube Datasheet

Ethyl Mercaptan C_2H_5SH

NO.GAS72



Performance

Measuring Range	0.5 to 5 ppm	5 to 120 ppm
Number of Pump Strokes	2 to 10	1
Correction Factor	1/2 to 1/10	1
Sampling Time	2 minutes per pump stroke	
Detecting Limit	0.2 ppm (n=10)	
Colour Change	White → Yellow	
Reaction Principle	Ethyl Mercaptan included Acid reagent to produce to yellow	
Coefficient of Variation	10% (for 5 to 40 ppm), 5% (for 40 to 120 ppm)	
Shelf Life	Up to 3 Years	
Corrections for temperature & humidity	Temperature correction is necessary	
Store the tubes at cool and dark place.		

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Acetylene, Ethylene	≥ 2000 ppm	Plus error	Discolour pale brown to whole layer
Carbon Monoxide	≥ 2000 ppm	Plus error	Discolour pale brown to whole layer
Other Mercaptans	-	Plus error	Discolour yellow stain
Hydrogen Sulphide	≥ 500 ppm	Plus error	No stain

Calibration gas generation Diffusion tube method

a1-cbiss Ltd

5 Valiant Way, Lairdside Technology Park, Tranmere, CH41 9HS

www.a1-cbiss.com | sales@a1-cbiss.com | Tel: +44(0)151 666 8300 | Fax: +44(0)151 666 8329

VAT No: 539 5178 13 Company Reg No: 2414633



Certificate No 996
ISO 9001, ISO 14001
OHSAS 18001