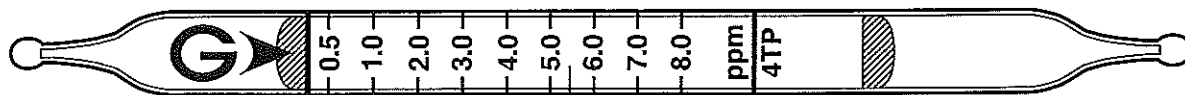


Detector tube

# Hydrogen Sulphide H<sub>2</sub>S

No.4TP



detecting layer (white)

**Performance**

Measuring range	0.5 to 8.0 ppm	8.0 to 16.0 ppm
Sampling Rate	100 ml/min (1000ml)	50 ml/min (500ml)
Correction factor	1	2
Sampling time	10 min	10 min

Detecting limit : 0.15 ppm (1000 ml)

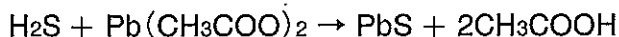
Colour change : White → Brown

Corrections for temperature : Unnecessary for 0 to 40 °C

Corrections for humidity : Unnecessary for R.H.0 to 90 %

Relative standard deviation : 5% (for 0.5 to 8.0 ppm)

Shelf life : 3 years

**Reaction principle****Possible coexisting substances and their interferences** (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Ozone	≥ 1/5	Bleaching	No
Hydrogen cyanide		No	No
Sulphur dioxide	≥ 1/1	+	No
Nitrogen dioxide	≥ 1/10	-	No
Mercaptans		No	No

**Calibration gas generation**

Permeation tube method

TLV-TWA : 10 ppm  
\* TLV-TWA : 1 ppm

TLV-STEL : 15 ppm  
\* TLV-STEL : 5 ppm

Explosive range : 4.0 to 44 %