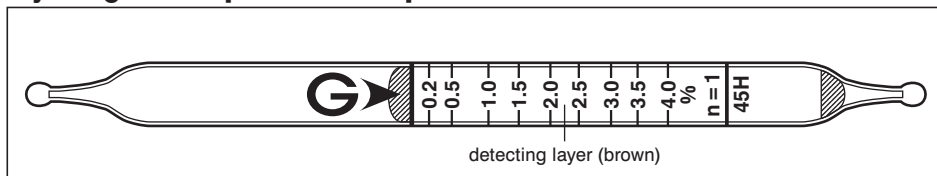


# Hydrogen Sulphide + Sulphur Dioxide $\text{H}_2\text{S} + \text{SO}_2$ (total quantification) No.45H

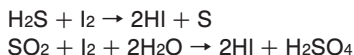


## Performance

Measuring range	0.02 to 0.2 %	0.2 to 4.0 %	4.0 to 8.0 %
Number of pump strokes	2 to 10 (200 to 1000 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2 to 1/10	1	2
Sampling time	1.5 to 7.5 min	45 sec	30 sec

Detecting limit : 0.002 % (10 pump strokes)  
 Colour change : Brown → Pale yellow  
 Corrections for temperature & humidity : Unnecessary  
 Relative standard deviation : 10 % (for 0.2 to 1 %), 5 % (for 1 to 4 %)  
 Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Other sulphur compounds		+	Pale yellow

## Calibration gas generation

High pressure gas cylinder method