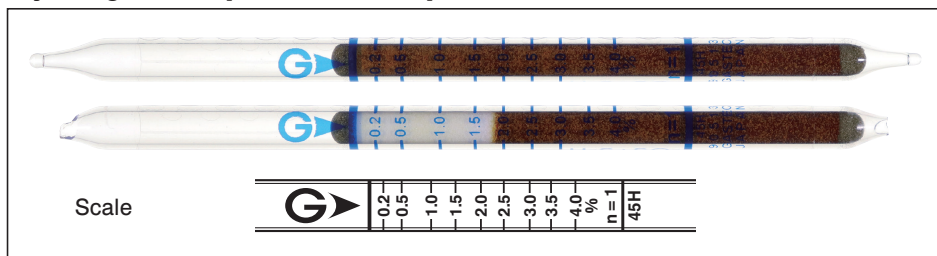


# Hydrogen Sulphide + Sulphur Dioxide <sup>H<sub>2</sub>S + SO<sub>2</sub></sup> (total quantification) No.45H

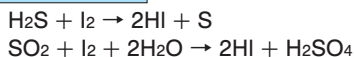


## Performance

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
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.2 to 1 %), 5 % (for 1 to 4.0 %)
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
Other sulphur compounds		+	Pale yellow

## Calibration gas generation

High pressure gas cylinder method