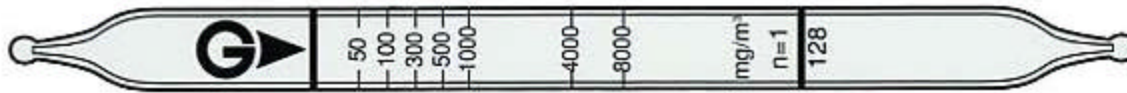


Stoddard Solvent

NO.128



Performance

Measuring Range	50 to 8000 mg/m ³
Number of Pump Strokes	1
Correction Factor	1
Sampling Time	1.5 minutes per pump stroke
Detecting Limit	5 mg/m ³ (n=1)
Color Change	White → Brown (ring)
Reaction Principle	Stoddard Solvent + I ₂ O ₅ + H ₂ S ₂ O ₇ → I ₂
Coefficient of Variation	15% (for 50 • ` 300 mg/m ³), 10% (for 300 • ` 8000 mg/m ³)
Shelf Life	3 Years
Corrections for temperature & humidity	Unnecessary
Store the tubes at cool and dark place.	

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Result	Change color by itself
Carbon monoxide	0.1%	Plus error	Pale brown (whole layer)
Acetylene, Hexane, Ethylene	0.2%	No effect	Pale brown (whole layer)
Alcohols, Ketones, Esters	-	Plus error	Pale brown (whole layer)
Aromatic hydrocarbons	-	Plus error	Dark green

Calibration gas generation Vaper pressure method

TLV-TWA	TLV-STEL	Explosive range
100 mg/m ³	-	0.8 % or higher

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