



## Specification :

Measurement Range	Extended	Standard	Extended
	Do not extend	0.1- 2 ppm	Do not extend
No. of Pump Strokes		5 (500 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1 minutes per pump stroke (100 ml)		
Color Change	Yellow → Blue		
Detection Limit	0.05 ppm (5 pump strokes)		
Shelf Life	2 years		
Relative standard deviation	± 10 – 15 %		

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

## Reaction Principle :



## Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Ammonia		+	Blue
Methylamine		+	Blue
Unsymmetrical dimethyl hydrazine		+	Blue
Ethylamine		+	Blue

## Correction For Environmental Parameters :

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.

## Calibration Of The Tube :

Static gas dilution method.