

**Specification :**

	Extended	Standard	Extended
Measurement Range	Do not extend	1 - 14 ppm	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 ml)		
Color Change	Purple → Pale Yellow		
Detection Limit	0.5 ppm		
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 :

C₅H₅N+ Acid → Reaction product

Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Amines		+	Pale Yellow
Ammonia		+	Pale Yellow
Hydrazine		+	Pale Yellow

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.