

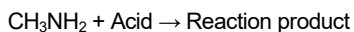


Specification:

Measurement Range	Extended	Standard	Extended
	2.5 - 5 ppm	5 - 100 ppm	100 - 200 ppm
No. of Pump Strokes	2 (200 ml)	1 (200 ml)	0.5 (50 ml)
Volume Correction Factor (VCF)*	0.5	1.0	2.0
Sampling Time	1 minute per pump stroke (100 ml)		
Color Change	Yellow → Blue		
Detection Limit	1 ppm (2 pump Strokes)		
Shelf Life	2 years		
Relative standard deviation	± 10 to 15 %		

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

Reaction Principle:



Cross Sensitivity:

Compound	No. of Stroke	Gas correction factor (GCF)*	Measuring Range (ppm)	Color Change / Comments
Ethylamine	1	0.9	4.5 – 90	Blue
n-Butylamine	1	1.0	5 – 100	Blue
Trimethylamine	1	0.38	1.9 – 38	Light green
Triethylamine	1	0.67	3.35 – 67	Blue
Isopropyl amine	1	0.8	4 – 80	Blue

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

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.