

**Performance**

Measuring Range	0.2 to 1%	1 to 16%	16 to 32%
Number of Pump Strokes	5 - 2	1	1/2
Correction Factor	1/5 to 1/2	1	2
Sampling Time	1 minute per pump stroke		
Detecting Limit	0.05% (n=5)		
Colour Change	Purple → Yellow		
Reaction Principle	Ammonia neutralizes acids to discolour the indicator to yellow.		
Coefficient of Variation	10% (for 1 to 4 %), 5% (for 4 to 16 %)		
Shelf Life	3 Years		
Corrections for temperature & humidity	Unnecessary		
Store the tubes at cool and dark place.			

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself
Hydrazine	-	Plus error	Discolour to yellow stain
Amines other than aromatic amines	-	Plus error	Discolour to yellow stain

Other substance measurable with this detector tube

Substance	Correction Factor	Pump Strokes	Measuring Range
Dimethylamine	1.2	1	1.2 to 19.2%

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
25ppm	35ppm	15 to 28%