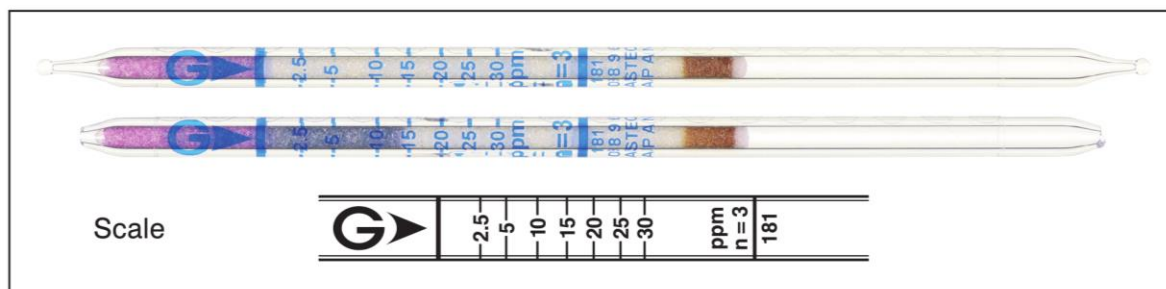
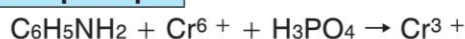


**Aniline C₆H₅NH₂****Part No.: 181****Aniline C₆H₅NH₂****No.181****Performance**

Measuring range	1.25 to 2.5 ppm	2.5 to 30 ppm	30 to 60 ppm
Number of pump strokes	5 (500 mL)	3 (300 mL)	2 (200 mL)
Correction factor	1/2	1	2
Sampling time	5 min	3 min	2 min
Detecting limit :	0.25 ppm (5 pump strokes)		
Colour change :	Pale yellow → Pale green		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used		
Relative standard deviation :	10 % (for 2.5 to 10 ppm) , 5 % (for 10 to 30 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle**Possible coexisting substances and their interferences**

Substance	Concentration	Interference	Changes colour by itself to
Aromatic amines		+	Pale green
Ammonia	≥ 1/10	+	} No
Other amines	≥ 1/10	+	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
N,N-Dimethylaniline	Factor : 1.0	3	2.5 to 30 ppm
N-Methylaniline	Factor : 1.4	2	3.5 to 42 ppm
o-Toluidine	Factor : 2.0	2	5 to 60 ppm

Calibration gas generation

Diffusion tube method