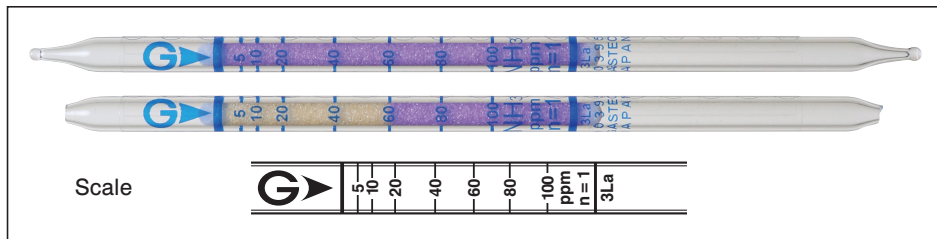


Ammonia NH₃

No.3La

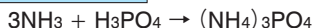


Performance

Measuring range	2.5 to 5 ppm	5 to 100 ppm	100 to 220 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.2
Sampling time	1 min	30 sec	30 sec

Detecting limit :	0.5 ppm (2 pump strokes)
Colour change :	Purple → Yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 20 to 90 % correction not used
Relative standard deviation :	10 % (for 5 to 20 ppm), 5 % (for 20 to 100 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
Amines	≧ 1/15	+	Yellow (≧ 5 ppm)
Hydrazine		+	Yellow
Carbon dioxide	≧ 1 %	- (20%)	No

Calibration gas generation

Permeation tube method