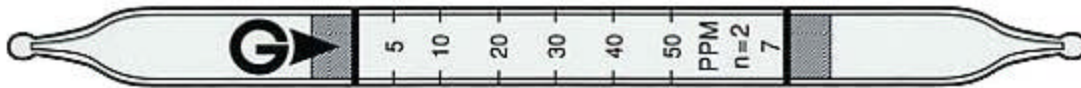


PhosphinePH₃**NO.7****Performance**

Measuring Range	2.5 to 5 ppm	5 to 50 ppm	50 to 100 ppm
Pump Strokes	4	2	1
Correction Factor	1/2	1	2
Sampling Time	1.5 minutes per pump stroke		
Detecting Limit	0.5 ppm (n = 4)		
Color Change	White → Pale yellow		
Reaction Principle	Phosphine reacts with mercuric chloride to produce mercuric phosphochloride which is pale yellow in color.		
Coefficient of Variation	10% (for 5 to 10 ppm), 5% (for 10 to 50 ppm)		
Shelf Life	3 Years		
Corrections for temperature & humidity	Unnecessary		
Store the tubes at cool and dark place.			

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Arsine	20 ppm	Plus error	Produces brown stain
Hydrogen selenide	20 ppm	Plus error	Produces brown stain
Hydrogen sulfide	10 ppm	Plus error	Produces dark brown stain

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
0.3ppm	1ppm	-

Policy Statement and Legal Notices

Nextteq is Gastec's Exclusive U.S. Master Wholesale Distributor. Gastec tubes and pumps are manufactured by the Gastec Corporation.