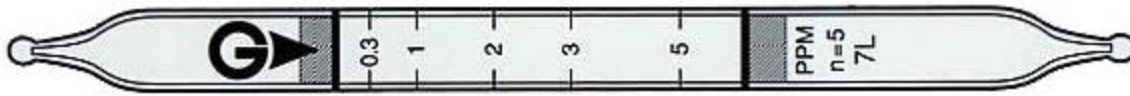


Phosphine



NO.7L



Performance

Measuring Range	0.15 to 0.3 ppm	0.3 to 5 ppm
Number of Pump Strokes	10	5
Correction Factor	1/2	1
Sampling Time	1 minute per pump stroke	
Detecting Limit	0.04 ppm (n = 10)	
Color Change	Pale yellow → Purple	
Reaction Principle	PH ₃ + Au compoundv → Colloidal	
Coefficient of Variation	10% (for 0.3 to 1 ppm), 5% (for 1 to 5 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	-	Plus error	Produces purple stain
Germane	-	Plus error	Produces purple stain
Hydrogen selenide	-	Plus error	Produces purple stain
Hydrogen sulfide	-	Plus error	Produces purple stain

Calibration gas generation High pressure gas cylinder method

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

Nextteq LLC – 8406 Benjamin Rd., Suite J, Tampa FL 33634, USA

Phone (toll free): 877-312-2333 Fax (toll free) 877-312-2444

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.