ChemLogic® Standard-Life Hydride Cassettes

ChemLogic Standard-Life Hydride Cassettes are designed to be selective, quick responding and highly sensitive to target gases. They are designed to detect Arsine, Phosphine, Silane, Diborane, Germane, Hydrogen Sulfide, and Hydrogen Selenide.

In addition to the target gases listed above, other substances that will react to ChemLogic Hydride Cassettes include:

Arsine (AsH3)*	Phosphine (PH3)*	Diboarne (B2H6)*
Germane (GeH4)*	Hydrogen Selenide (H2Se)*	Hydrogen Sulfide (H2S)*
Phosphine (PH3)*	Silane (SiH4)*	Dichlorosilane (SiH2Cl2)
Dislane (Si2H6)	Stibine (SbH3)	Trichlorsilane (SiHCl3)

*** Available calibrations on ChemLogic CL1 and CL8**

Dichlorosilane will also react. However, the ChemLogic Mineral Acids Cassette is recommended to achieve optimal results.

ChemLogic Hydride Cassettes will NOT respond to:

Acetic Acid	Chloroformates	Hydrogen Cyanide	Phosgene
Acetone	Ethanol	Hydrogen Peroxide	Phosphoric Acid
Acetylene **	Ethylene Oxide	Isopropyl Alcohol	Sulfur Dioxide
Acids	Freons	Isocyanates	Sulfuric Acid
Amines	Glycols	Ketones	Toluene
Ammonia	Hexane	Methane	Trichloroethane
Boron Trifluoride	Hydrazine	Methanol	Trichloroethylene
Carbon Monoxide	Hydrocarbons	Nitrogen Oxides	Toluene
Chlorine	Hydrogen	Ozone	Velcorin

** Percent levels of commercial grade acetylene may react on the Hydride Cassette due to impurities

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