



# pH Buffer standards

The latest addition to our extensive inorganic product line offers environmentally safe, accurate calibration of your pH instrument.

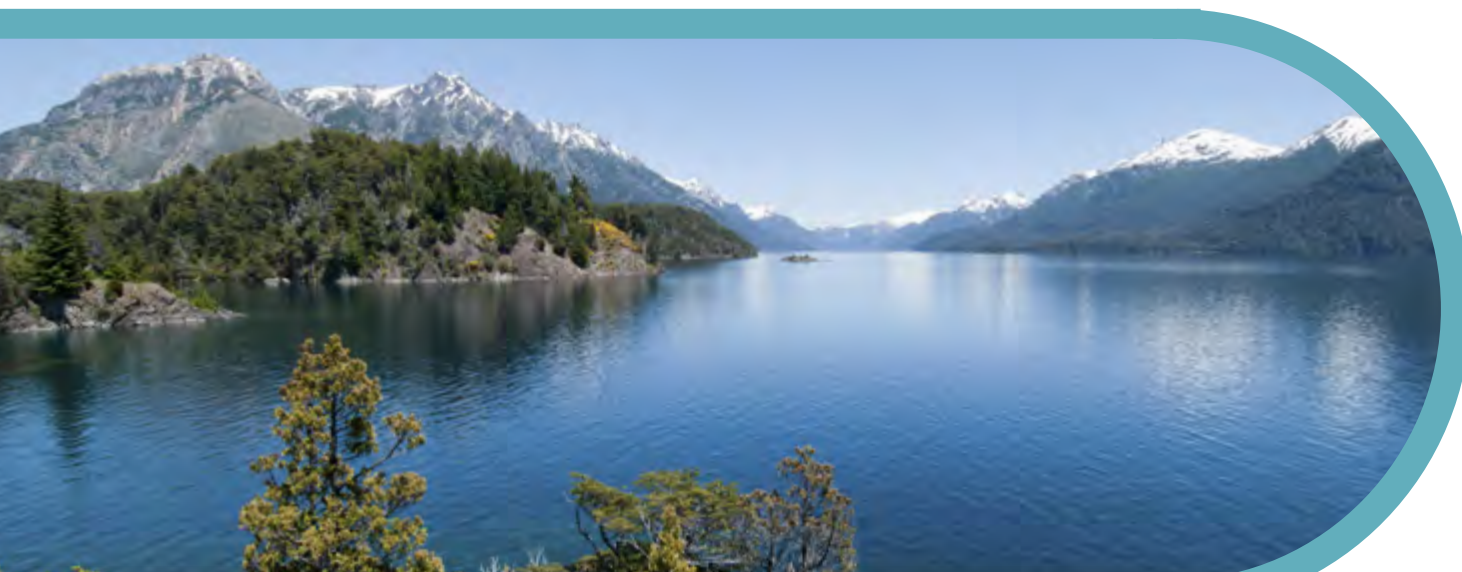
You trust VHG Labs brand standards because you have come to expect consistently high quality and reliability from our products. We now offer ISO Guide 34 certified pH buffer reference standards. These certified reference materials (CRMs) are intended to be used for calibration of pH instrumentation. They feature red, yellow, and blue color codes for pH 4, 7, and 10, respectively. Our pH buffers do not contain formaldehyde or mercury compounds as preservatives or chromium compounds as colorants, so they are safer to use and easier to dispose of than other available products.

A pH buffer solution is a combination of an acid or base with its conjugate salt. The thermodynamics of this combination acts as a pH “set point” to resist changes in pH. This stability makes it an ideal calibration standard for pH instrumentation.

Our pH buffers are certified at 25°C, and the values are traceable to NIST SRM’s 185h, 186g and/or 191d. Each product is shipped with a comprehensive certificate of analysis (COA), which includes a table of pH values across a range of temperatures.

In addition to our pH buffers, we offer a number of wet chemistry standards for water analysis. Please visit [www.lgcstandards.com](http://www.lgcstandards.com) for additional information.

pH Buffer Standards				
Product name	Color code	Matrix	Size	Product number
pH 4 Buffer standard	Red	H <sub>2</sub> O	500mL	VHG-PH4-500
pH 7 Buffer standard	Yellow	H <sub>2</sub> O	500mL	VHG-PH7-500
pH 10 Buffer standard	Blue	H <sub>2</sub> O	500mL	VHG-PH10-500



For further information, or if you require substances or materials not currently listed please contact one of our local sales offices.

### **Brazil**

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Email: bz@lgcstandards.com

### **Bulgaria**

Tel: +359 (0)2 971 4955  
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### **China**

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Email: infochina@lgcgroup.com

### **France**

Tel: +33 (0)3 88 04 82 82  
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