

Total Alkalinity Testing

Alkalinity is defined as the ability of a water to neutralize acid, or its buffering capacity. In potable water, alkalinity is a key part of the water quality parameters associated with corrosion control and lead-copper rules. On the wastewater side, alkalinity monitoring is a part of the nitrification/denitrification process during Biological Nutrient Removal (BNR). It is both measurable and predictable based upon known ammonia and nitrate levels.

operator notes

USA BlueBook BRAND PRODUCTS

YOUR BEST VALUE!



USA BlueBook Alkalinity Test Kits

- Color-coded caps and visual icons for ease of use

Simplify alkalinity testing with our easy-to-use kits. They feature color-coded caps for quick identification of the test parameter. Instructions are printed on waterproof, chemical-resistant and tear-proof synthetic paper. Icons and pictures make the procedure easy to follow; a list of interferences increases accuracy. For extra support, scan the QR code on the instruction sheet to view an online training video.

Includes: reagents, sample vial, instructions and durable case.

Range: 10 to 400 mg/L; 50 to 2000 mg/L
Resolution: 10 mg/L or 50 mL

DESCRIPTION	# TESTS	STOCK #	EACH
USA BlueBook Alkalinity P/M, P/T Test Kit	60	87736	\$

Replacement Reagents

DESCRIPTION	STOCK #	EACH
Alkalinity Titrant, Low, 60 mL	87737	\$
Alkalinity Titrant, High, 60 mL	87738	
Phenolphthalein Indicator, 30 mL	87739	
Total Alkalinity Indicator, 30 mL	87740	
Methyl Orange Indicator, 30 mL	87741	



Wherever you see our "EPA COMPLIANT" icon (at left), these items are approved for reporting purposes according to federal EPA requirements when used correctly in the appropriate test method. However, state and local regulatory agencies often have different reporting requirements. ALWAYS check with the appropriate local governing authority to be certain that a specific item is suitable for reporting in your area.

operator notes



Hach Total Alkalinity Test Strips

- Easy, fast and reliable

Hach test strips are easy to use and easy to read. Simply dip the strip, wait until color develops, and compare the color of the reacted pad to the chart printed on the container. Bottle includes 50 strips.

Range: 0 to 240 mg/L as CaCO₃
Increments: 0, 40, 80, 120, 180, 240



DESCRIPTION	# TESTS	STOCK #	EACH	QTY 12+
Total Alkalinity Test Strips, 50/Bottle	50	41263	\$	\$



thermo scientific

Thermo Scientific Orion Total Alkalinity Kits

- Direct reading 0 to 200 mg/L as CaCO₃
- Easy-to-measure pH method
- No interference with color or turbidity

Total alkalinity measurements are now as simple to perform as pH. This kit is a two-step direct measurement for alkalinity and pH, so if you are already measuring pH, it is just one more easy step to measure alkalinity. Simply calibrate for pH as usual, add the alkalinity reagent and read the total alkalinity in ppm CaCO₃ from the pH conversion chart. Saves time by eliminating tedious titrations and calculations.

Includes: one 475-mL bottle of alkalinity reagent, one 475-mL bottle of 1000 mg/L CaCO₃ standard, total alkalinity conversion chart, and Application Procedure No. 517, "Total Alkalinity in Natural Waters."

MFR #	DESCRIPTION	STOCK #	EACH
700010	Total Alkalinity Test Kit	36970	\$

Replacement Reagents

MFR #	DESCRIPTION	STOCK #	EACH
700011	Total Alkalinity Reagent, (4) 475-mL Bottles	36971	\$
700012	Total Alkalinity Standard, (1) 475-mL Bottle	36996	