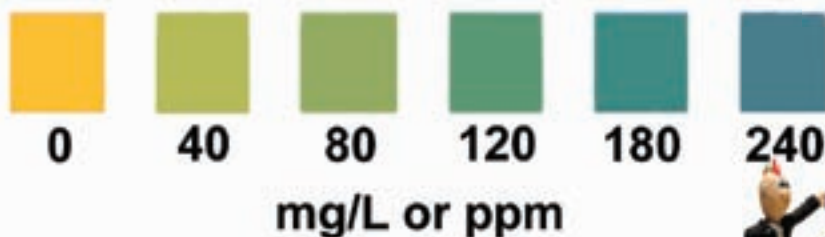


Total Alkalinity



TOTAL ALKALINITY

COLORIMETRIC TEST STRIPS

Total Alkalinity is a fundamental parameter in water testing. Alkalinity indicates the buffering capacity of natural waters. A water is said to be buffered if the pH is not changed greatly by addition of acids or bases. The most effective buffering action is within the pH range of water from near 6.0 to about 8.5.

Most natural waters are buffered by some extent by reactions which involve dissolved carbon dioxide CO_2 . It forms an indispensable reservoir of carbon for photosynthesis. Thus, the productivities of water can be correlated with alkalinity and the buffering system.

The color chart for this test allows you to read total alkalinity in mg/L or ppm.

This test reports total alkalinity concentrations in water at 0, 40, 80, 120, 180 and 240 mg/L or ppm.

Results are obtained from this test 30 seconds.

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