

Keep Alkalinity Under Control with Taylor® Testing



Alkalinity control is important in many processes including municipal water and wastewater treatment, paper and textile manufacturing, commercial laundering, warewashing, beverage production, and boiler and cooling system operation.

Alkalinity is determined by titration with a standard acid to a designated pH and recorded as either **P, M, or T alkalinity**.

ALKALINITY KITS

K-1512

Drop test (laundry test using H_2SO_4); 1 drop = 10 or 50 ppm **P/T** alkalinity as $CaCO_3$

K-1527

Drop test (using H_2SO_4); 1 drop = 10 ppm **P/T** alkalinity as $CaCO_3$

K-1530

Drop test (using H_2SO_4); 1 drop = 10 ppm **total** alkalinity as $CaCO_3$

K-1531

Drop test (using H_2SO_4) for **caustic soda**; 1 drop = 0.1 or 1% **caustic** alkalinity as NaOH

K-1533PM

Drop test (using H_2SO_4); 1 drop = 10 or 50 ppm **P/M** alkalinity as $CaCO_3$

K-1533PT

Drop test (using H_2SO_4); 1 drop = 10 or 50 ppm **P/T** alkalinity as $CaCO_3$

K-1537

Drop test (using HCl); 1 drop = 10 or 50 ppm **hydroxyl** alkalinity as $CaCO_3$

Taylor's K-1533PM will perform 140 tests for P/M alkalinity at 100 ppm.

K-1542 (combination kit)

Drop tests for **PET** bottlers measuring **M alkalinity** (using HCl); 1 drop = 10 ppm $CaCO_3$; **total hardness*** (EDTA titration); 1 drop = 10 ppm $CaCO_3$

K-1575

Drop test (using HCl); 1 drop = 10 or 50 ppm **P/M** or **P/T** alkalinity as $CaCO_3$

* includes inhibitors to prevent metal interference

USER BENEFITS

- Titrations do not require the ability to match colors, only the ability to see the **permanent color change** at the end-point of the reaction.
- Drop-test kits are practical for both **on- and off-site** testing.
- **Waterproof instructions** are printed on plastic-impregnated paper that resists fading and tearing.
- **Color coding** of reagent caps to instructions helps prevent mishaps.
- **Picture guides** to color transitions in the test reassure new users.
- Custom-molded, durable plastic cases provide **safe storage** for all tests.
- **Proven chemistries** are based on *Standard Methods for the Examination of Water and Wastewater*, APHA, Washington, DC, and/or *American Society for Testing and Materials*, ASTM, Philadelphia, PA. Some methods use proprietary chemistry developed by Taylor Technologies.

ALSO AVAILABLE

- **Neutralizing amine** test (K-1682) for steam condensate where the only alkalinity is provided by the amine.
- Individual replacement reagents.
- A wide array of single- and multiparameter kits featuring color-matching and/or drop-count tests.
- **Taylor's TTI® Colorimeter** (M-3000); test 40+ parameters commonly encountered in commercial and industrial settings and transfer results to a PC database.
- **Myron L Company** portable instruments and calibration solutions (sold separately).
- Testing supplies and kit replacement parts (e.g., burets, flasks, test tubes, and test cells).
- **Video demonstrations** for new users posted on our website.
- Free technical assistance at **800-TEST KIT**.