



TOTAL CHELANT KIT

DROP COUNT, 1 DROP = 5 ppm

CODE 7143-01

QUANTITY	CONTENTS	CODE
60 mL	*Hydrochloric Acid, 0.5N	*6025-H
10 g	TC Indicator	2780-D
60 mL	*TC Titrant	*2781WT-H
1	Tube, 16.5-25 mL, plastic, w/cap	0712
1	Spoon, 0.1g, plastic	0699

*WARNING: Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any letter that follows or precedes the four digit code number. For example, if the code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by email, phone or fax.

Emergency information for all LaMotte reagents is available from Chem-Tel: (US, 1-800-255-3924) (International, call collect, 813-248-0585)

To order individual reagents or test kit components, use the specified code number.

PROCEDURE

1. Rinse sample tube (0712) with sample water. If testing for NTA, fill tube to 16.5 mL line. If testing for EDTA, fill to 25 mL line.
NOTE: For samples containing over 50 ppm EDTA, fill the sample tube (0712) to the 16.5 mL line with the sample water. In Step 5, each drop equals 7.5 ppm EDTA.
2. Use 0.1g spoon (0699) to add one measure of TC Indicator (2780). Swirl until dissolved.
3. If solution is yellow, add one drop of *Hydrochloric Acid, 0.5N (6025). If solution is blue, add *Hydrochloric Acid, 0.5N (6025), one drop at a time, swirling between each drop, until solution turns yellow. Then add one more drop.
4. While gently swirling tube, add *TC Titrant (2781WT), one drop at a time, until yellow color changes to blue. Count the number of drops added. Hold bottle vertically.
5. Multiply number of drops used in Step 4 by 5. Record as ppm Total Chelant, as EDTA disodium dihydrate.

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