

**Total Chelant**

K-0048/2

1. Fill the reaction vial with the water sample to the 25 ml mark.
2. Add one scoop of the total chelant indicator powder and mix to dissolve.
3.
  - a. If the water turns blue add one drop at the time of total chelant pH adjustor until the sample turns yellow, then add one more drop.
  - b. If the water turns yellow, add one more drop of total chelant pH adjustor .
4. Add the Totat chelant titrating solution, drop by drop, shaking the vial between each drop, counting the drops, until the water turns to purple-blue .

Total chelant as ppm of EDTA= (no. of drops-2) x 2.

**Replacement Reagents and Parts**

R-2039/4oz/2	-	Total chelant titrating solution (1 drop = 2 ppm EDTA/25ml)
R-1038/30g	-	Total chelant indicator powder
R-5096/2oz	-	Total chelant pH adjustor w/nasal plug
P-1075	-	Plastic scoop, 0.2 gram capacity
P-1045	-	Graduated reaction vial w/cap, 25 ml
P-1040	-	Glass eye dropper, blunt tip w/20 mm screw cap
P-1110	-	Test kit box with foam insert and bottom foam pad