

## PAC-510 TESTING PROCEDURE

### TEST KIT: PKTK3000-Z, Item #50212

1. Rinse vial with solution to be tested.
2. Fill vial to 50ml line with sample. Use the included 12 cc syringe to acquire the sample.
3. Add 5 drops Phenolphthalein Indicator (PH1605) and swirl to mix. The sample should turn red.
4. Add Hydrochloric Acid 7.7N (HA6207) dropwise while swirling until the sample returns to its original color. Record the number of drops.
5. Multiply the number of drops by the factor below to obtain the % caustic.

1 drop = 0.025 % Caustic as NaOH

Drops of Titrant	% Caustic as NaOH	oz/gal
4	0.1	3
6	0.2	5
8	0.2	7
10	0.3	9
12	0.3	11
14	0.4	13
16	0.4	15
18	0.5	17
20	0.5	19
22	0.6	22
24	0.6	24
26	0.7	26
28	0.7	28
30	0.8	30
32	0.8	32