

## TESTING PROCEDURE PAC-260

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

1. Rinse vial with solution to be tested.
2. Fill vial to the 10 mL mark with sample. Use the included 12 cc syringe to acquire the sample.
3. Add 3 drops of 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 = 0.1 % Caustic as NaOH

Recommended usage rate: 60-180 mL/L depending on soil level, temperature, and contact time.

Drops of Titrant	% Caustic as NaOH	mL/L
1	0.1	30
2	0.2	50
3	0.3	80
4	0.4	100
5	0.5	130
6	0.6	150
7	0.7	180
8	0.8	210
9	0.9	230
10	1.0	260
15	1.5	390
20	2.0	520