

Alkalinity
10-200 & 100-2000 ppm

AE204

Directions for Use:

1. Take 10 ml of water sample to be tested in the test jar.
2. Add 2 drops of AK 1. Mix well to dissolve.
3. If a pink colour appears it indicates presence of P Alkalinity.
4. Then drop wise* add AK 2 # counting the number of drops while mixing, until the Pink colour disappears (N drops).
5. To this solution add one spoonful (provided herewith) of AK 4. The sample will turn green.
6. Now drop wise * add AK 2 counting the number of drops while mixing until the colour changes from green to reddish violet. (N 1 drops)

If the expected Alkalinity is more than 200 ppm, then use AK 3 instead of AK 2.

Calculations:

$$\begin{aligned} \text{P Alkalinity ppm as CaCO}_3 &= 10 \times (\text{Number of Drops of AK 2}) \\ &= 100 \times (\text{Number of Drops of AK 3}) \end{aligned}$$

$$\begin{aligned} \text{Total Alkanity ppm as CaCO}_3 &= 10 \times (N+N 1 \text{ drops of AK2}) \\ &= 100 \times (N+ N 1 \text{ drops of AK 3}) \end{aligned}$$

* For controlled addition of drops, follow instructions on the dispenser.

