

**ALKALINITY (p-/m-alkalinity)**  
**Measurement Range : 1 - 60°F**  
**Accuracy : 1 drop = 1°F**

**Equipments and Reagents**

Graduated Tube 30 ml	14TP00
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1 x Reagent TAC	10 ml	1RT026
2 x Alkalimetric Liquor TACT	20 ml	1LA047
1 x Phenolphthalein TA	10 ml	1PT017

**Instructions**
**1) p-alkalinity**

- Fill the test tube with water to analyze up to 10 ml.
- Add 2 drops of Phenolphthalein TA and mix. The color turns to purple/pink in the presence of p-alkalinity.
- Add drop by drop Alkalimetric liquor TACT, mixing until it turns from purple/pink to colorless.

**p-alkalinity in °F = number of poured drops.**

**2) m-alkalinity**

- Fill the test tube with water to analyze up to 10 ml.
- Add 2 drops of Reagent TAC and mix. The color turns to blue in the presence of m-alkalinity.
- Add drop by drop Alkalimetric liquor TACT, mixing until it turns from green/blue to light pink.

**m-alkalinity in °F = number of poured drops.**

**Note :** for results in :

**mmol/L = (number of poured drops) / 5**

**mg/L CaCO<sub>3</sub> = (number of poured drops) x 10**