



WATER TESTING KIT

(For the estimation of Total Hardness)

CAT. NO. : KIT030

GRADE : LR

CAS NO. : _

FORMULA : _

M.W. : _

ISO 9001:2015 CERTIFIED

- Take 25ml of water sample in the test bottle (No-1). [®]
- Add 10drops of Total Hardness reagent-1 (TH-1)
- Add 5 to 6 drops of Total Hardness reagent-2 (TH-2) and mix until pinkish colour develops.
- For Soft water: add Total Hardness reagent-3(TH-3),shakewell,untilcolour changes from pink to blue. Count the no. of drops of TH-3 required for colour change.
Total Hardness= no. of drops of TH-3 x 2 (ppm in terms of CaCO₃)
- For Hard water: add Total Hardness reagent-4(TH-4),shake well , until colour changes from pink to blue. Count the no. of drops of TH-4 required for colour change.
Total Hardness= no. of drops of TH-4 x 5 (ppm in terms of CaCO₃)
- For much Hard water (as river water,seawater,etc.): add Total Hardness reagent-5(TH-5),shake well , until colour changes from pink to blue. Count the no. of drops of TH-5 required for colour change.
Total Hardness= no. of drops of TH-5 x 50 (ppm in terms of CaCO₃)

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.

