



WATER TESTING KIT

(For the estimation of Dissolved Oxygen)

CAT. NO. : KIT028

GRADE : LR

CAS NO. : _

FORMULA : _

M.W. : _

- Take 300ml of water sample in the test bottle(No-1).
- Add 2ml of Dissolved Oxygen reagent-1(DO-1) very carefully and tip of the filler is dipped well below the water level.
- Add 2 ml of Dissolved Oxygen reagent-2(DO-2) very carefully and tip of the filler is dipped well below the water level.
- Replace the stopper without inclusion of any air bubble and thoroughly mix the content by shaking the test bottle (No-1) several times and allow the precipitate formed to settle.
- After 2-3 minutes of settling, carefully remove the stopper and immediately add 2 ml of Dissolved Oxygen reagent-3(DO-3) very carefully by running the reagent down the neck of bottle and mixed thoroughly to dissolve the precipitate settled completely.
- Take 200 ml of the solution in an iodine flask (No-2) and add 4 drops of Dissolved Oxygen reagent-4(DO-4).
- Titrate with Dissolved Oxygen reagent-5(DO-5) taken in a 10ml syringe until the colour changes from blue to colourless.
- Calculation: Dissolved Oxygen (Mg/L or ppm) = Volume of Dissolved Oxygen reagent-5(DO-5)

DATE: 01.07.2025

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

