

**(PREVIEW)**

***Indian Standard***

**METHODS OF SAMPLING AND TEST ( PHYSICAL AND CHEMICAL)  
FOR WATER AND WASTEWATER  
PART 26 CHLORINE, RESIDUAL**

1. Scope - Prescribes the iodometric or stabilized neutral ortho-toluidine method for determination of residual chlorine.

1.1 Iodometric method is more precise than colorimetric method where residual concentration exceeds 1 mg/l, but for lower concentration it is not so accurate.

1.2 Stabilized neutral ortho-toluidine is useful to determine free available chlorine and combined chlorine. This method is sensitive to low residual chlorine concentrations, in the range of 5 to 10 $\mu$ g/l.