
IX

CONTENTS OF THE KIT

<i>Test 1:</i> Temperature	shielded thermometer
<i>Test 2:</i> pH	2 test tubes with caps 50 ml wide range indicator 2 octet color comparators
<i>Test 3:</i> Dissolved Oxygen	sampling bottle 25 ml of manganous sulfate 25 ml of alkaline potassium iodide azide 25 ml of sulfuric acid 25 ml of starch indicator solution 50 ml of sodium thiosulfate titration tube with cap titrator
<i>Test 4:</i> BOD	5 additional DO sampling bottles
<i>Test 5:</i> Nitrates	plastic sampling bottle 100 ml mixed acid reagent nitrate reducing agent (powder) .1g measuring spoon test tube with cap octet color comparator
<i>Test 6:</i> Turbidity	2 cylinders with dots in the bottom 50 ml standard turbidity reagent stirring rod tube brush
<i>Test 7:</i> TDS and Salinity	TDS Tester (digital meter) graduated cylinder (for salinity dilution) eye dropper (for salinity dilution) demineralized water bottle
<i>Test 8:</i> Coliform	6 lactose broth tubes
Miscellaneous	neutralizing liquid for DO and BOD tests bleach for disinfecting coliform samples waste collection bottle (for nitrate test) empty bottles for student practice MSDS booklet