

recommended consumables

for BOD Analysis using SM 5210 B-D

The purpose of this document is to act as a quick reference for the products called out in the Apparatus and Reagents sections of **Standard Methods 5210**. The focus of this list is on the consumable items.

If you have any questions about the products in this document, you can reach out to your account manager and they will connect you with our environmental testing experts!

Sample Collection

| Paragraph | Description | Cat No. |
|-----------|---------------------------|---------|
| 8.1 | Sample Collection Bottles | Various |

Solvents & Reagents

| Paragraph | Description | Cat No. |
|-----------|---|------------|
| B.2.a | Alconox® detergent, 0.5 oz packs | Z273228 |
| B.2.a | Alconox [®] detergent, bulk packed | 242985 |
| B.3.a | Monopotassium phosphate | Various |
| B.3.a | Dipotassium phosphate | Various |
| B.3.a | Disodium phosphate | Various |
| B.3.a | Ammonium chloride | Various |
| B.3.a | Sodium hydroxide solution 30%, Suprapur® | 1.05589 |
| B.3.a | Milli-Q [®] IQ 7000 Ultrapure Water Purification System, output: type 1 water (18.2 M Ω ·cm), the most advanced Milli-Q [®] ultrapure (Type 1) water system that is intelligent, intuitive, and green. | ZIQ7000T0C |
| B.3.b | Magnesium sulfate | Various |
| B.3.c | Calcium chloride | Various |
| B.3.d | Ferric chloride | Various |
| B.3.e.1 | Sulfuric Acid | Various |
| B.3.f | Sodium Sulfite | Varous |
| B.3.g.1 | 2-chloro-6-(trichloromethyl) pyridine (TCMP) | Various |
| B.3.g.2 | Allylthiourea (ATU) | Various |
| B.3.h | Glucose-glutamic acid (GGA) - Glucose | Various |
| B.3.h | Glucose-glutamic acid (GGA) - Glutamic acid | Various |
| C.2.a | Hydrochloric Acid | Various |
| D.3.b | Potassium hydroxide | Various |
| D.3.n | Manganese(II) sulfate hydrate, ≥99.99% trace metals basis | 229784 |
| D.3.n | Boric Acid | Various |
| D.3.n | Zinc sulfate heptahydrate | Various |
| D.3.n | Ammonium Molybdate | Various |
| D.3.n | Iron EDTA | Various |
| D.3.n | Select Yeast Extract, powder, BioReagent, suitable for cell culture, suitable for insect cell culture | Y1000 |

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Sample Preparation

| Paragraph | Description | Cat No. |
|-----------|--|---------|
| B.2.a | Incubation Bottles | Various |
| B.3.a | pH-indicator strips pH 0 - 14 Universal indicator, non-bleeding, pH range 0-14 | 1.09535 |

Standards & Reference Materials

| Paragraph | Description | Cat No. |
|-----------|--|---------|
| | BOD 200 mg/L Calibration Standard, certified reference material | BOD200 |
| | BOD 500 mg/L Calibration Standard, certified reference material | BOD500 |
| | BOD 1000 mg/L Calibration Standard, certified reference material | BOD1000 |
| | BOD 2000 mg/L Calibration Standard, certified reference material | BOD2000 |

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