Media Test Kits

Microbiology media test kits are increasingly in demand within the oil and gas industry as organisations seek to conduct in-house testing of production fluids. The internal testing of waters and other fluids is a regular occurrence, making outsourcing small-scale analyses impractical both in terms of the timeframes and costs involved.

Key types of corrosion associated microorganisms that are typically monitored using specific growth media include:

- Sulfate Reducing Bacteria (SRB)
- Acid Producing Bacteria (APB)
- Nitrate Reducing Bacteria (NRB)
- Iron Reducing Bacteria (IRB)

Intertek provides media in two formats: glass vials used to prepare dilution series, and a Quick format for more rapid and convenient testing of corrosion associated microorganisms.

Media products are available as boxes of 12 vials or Quick format tubes, and cases of 288 vials. Each of our microbiology media test kits is compliant with NACE, ICorrST and / or API guidelines and are fully checked under ISO 9000 standards to ensure they are of the highest quality prior to dispatch.

Our test media can be made to any salinity level you require. Strengths available from stock include freshwater, seawater, produced water, brine, high brine and extreme brine (1%, 2.5%, 6%, and 10% respectively).

Media Types

Common / General Media Types

Sulfate-reducing bacteria (SRB) growth media types:
- Modified Postgate (MPB) medium
- American Petroleum Institute (API) medium
- SRB/2 medium

General heterotrophic bacteria (GHB) / general aerobic bacteria (GAB) media suitable for the isolation of general heterotrophic bacteria, general aerobic bacteria, and acid producing bacteria:
- Phenol red dextrose (acid producing bacteria media)
- Standard bacteriological nutrient

General anaerobic heterotrophic bacteria (GanB) growth media suitable for the isolation of general anaerobic heterotrophic bacteria:
- Thioglycollate
- Fastidious anaerobe

Specialist Media Types

- Nitrate reducing bacteria medium consistent with nitrate / nitrite sticks (NRB)
- Iron reducing bacteria medium (IRB)
- Phosphate buffered saline diluent (PBS)
- Maximum recovery diluents (MRD)
- Seawater diluents in test tubes
- Freshwater diluents in test tubes
- Nitrite reducing sulfide oxidising bacteria (NRSOS)
- Iron utilising bacteria media (IUB)

Microbiologically Influenced Corrosion (MIC) is a major contributing cause to corrosion in the oil, gas, fire protection, water, wastewater, chemical and other industries. With Intertek’s media test kits and monitoring solutions, you can detect the microorganisms early, minimising the impact on your operations.
As a global operator, we provide oil and gas organisations worldwide with reliable and versatile microbiology media test kits that conform to specific guidelines and are produced to the highest standards.

**Sidestream® Device**

Stainless and duplex steel Sidestream® device facilitates monitoring of sessile microbial biofilm development in-situ.

**Sidestream® Biofilm Monitors:**
- Low pressure (plastic) Sidestream® with accessories (Acetal)
- High pressure, 3500 psi (stainless and duplex steel) Sidestream® with accessories
- A range of other corrosion-resistant alloys

**Sidestream® spares and consumables:**
- Plastic biostud holders (Acetal)
- Stainless steel biostud holders
- Duplex biostud holders
- Biostuds (pack 24)
- Pressure test certificate
- Sidestream® stand
- Calibrated pressure gauge
- Biostud removal tool
- Three O-rings and one screw

**General Consumables**

General consumables are used in microbiological testing work. Materials suitable for applications such as bacterial, chemical, Legionella and fuel sampling are available:
- Fuel dipslides (BTM2)
- Water dipslides (SCT – TVC/Coliforms)
- Water dipslides (BT2 – TVC/TVC)
- 1ml syringes 21G x 1.5 mm needles (Box of 100)
- Sterile wipes
- Stick swabs

We can also provide a range of consumables according to client requirements.

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FOR MORE INFORMATION

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