

Instructions for Handling Test Materials and Recording Results

Receipt and Storage

- On receipt of the test material, record the date and store at 2-8°C until ready to test, with the exception of Sample 520 which should be stored at -20°C and 515 which should be stored at room temperature.
- The test material should be analysed in accordance with the deadlines shown on the website: <https://portal.lgcstandards.com>

Sample Details

- Chemistry test materials are presented in a ready-to-use format.
- Microbiological test materials BV500 and BV501 are provided with 10ml primary diluent and 90ml secondary diluent. When fully reconstituted, the test material represents a 'real' beverage sample, which may or may not contain the target organism(s) at a range of inoculums levels. Background flora may also be present.
- Microbiological test materials may contain high numbers of microorganisms that may require dilution in order to enumerate accurately. Further details on levels are given in the Scheme Description.

Resuscitation Steps for Microbiological Test Materials BV500 & BV501

1. Aseptically remove the cap and rubber stopper from the vial and reconstitute the freeze-dried test material by adding the 10ml primary diluent provided.
2. Replace the stopper and shake to dissolve.
3. Leave to stand for a minimum of 60 minutes but no longer than 90 minutes.
4. Add this concentrate to the 90ml secondary diluent.
5. Rinse the vial two or three times to ensure all the freeze-dried test material is transferred from the vial.
6. Immediately before testing, mix the sample thoroughly and then test for the target organism(s) and/or analyte(s) using your routine laboratory method.

Resuscitation Steps for Microbiological Test Materials BV505 & BV506

1. Prepare 1L sterile deionised water to use as a diluent.
2. Aseptically remove cap and rubber stopper from the vial and reconstitute the freeze-dried test material by adding a small quantity (approximately 10ml) of the diluent prepared in step 1.
3. Replace the stopper and shake to dissolve.
4. Add this concentrate to the remaining diluent.
5. Rinse the vial out two or three times to ensure all freeze-dried test material is transferred from the vial.
6. Leave to stand for a minimum of 60 minutes but no longer than 90 minutes.
7. Immediately before testing, mix the sample thoroughly and then test for the target organism(s) and/or analyte(s) using your routine laboratory method. Report results as cfu/100ml.

Resuscitation Steps for Microbiological Test Materials BV507

1. Aseptically remove cap and rubber stopper from the vial and reconstitute the freeze-dried test material by adding 10ml of the diluent provided.
2. Replace the stopper and shake to dissolve.
3. Add this concentrate to the remaining 90ml diluent.
4. Rinse the vial two or three times to ensure all the freeze-dried test material is transferred from the vial.
5. Leave to stand for a minimum of 60 minutes but no longer than 90 minutes.
6. Immediately before testing, mix the sample thoroughly and then test for the target organism(s) using your routine laboratory method.

Instructions for Handling Test Materials and Recording Results

Reporting Results

- All results should be submitted in the format specified using PORTAL
- Additional details regarding reporting requirements can be found in the current QBS Scheme Description.
- Please go to <https://portal.lgcstandards.com>
- Login using your Lab ID, username and password.
- A PORTAL user guide can be downloaded from the help section.

Safety Precautions

- Test materials contain viable micro-organisms or chemical contaminants and are supplied on the understanding that the purchaser has suitably competent and qualified personnel to handle them safely. Test materials must only be opened in a laboratory by qualified personnel.
- Refer to the Safety Data Sheet for information on the safe handling and disposal of the test materials.

If you need any help at all please do not hesitate to contact our support team using the details below or your local LGC representative.

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