

Instructions for Handling Chemical and Microbiological Test Materials and Recording Results

Receipt and Storage

- On receipt of the test material, record the date and store at 2-8°C and at -20°C sample 520 only, until ready to test.
- The test material should be analysed in accordance with the deadlines shown on the website: <https://www.lgcpt.com/portal>

Sample Details

- Microbiological test materials BV500 and BV501 are provided with 10ml primary diluent and 90ml secondary diluent. When reconstituted, the test material represents a 'real' beverage sample, which may or may not contain the target organism(s) at a range of inoculum levels. Background flora may also be present.
- Chemical test materials are presented in a ready-to-use format.

Resuscitation Microbiological Test Materials BV500 & BV501

1. Aseptically remove cap and rubber stopper from the vial and reconstitute the freeze-dried test material by adding 10ml of the 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 secondary diluent.
5. Rinse the vial two or three times to ensure all the freeze-dried test material is recovered 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 Microbiological Test Materials BV505

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 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. Repeat this procedure 2 or 3 times to ensure all freeze-dried test material is recovered from the vial.
6. Invert sample 5 times.
7. Leave to stand for a minimum of 60 minutes but no longer than 90 minutes.
 - Analyse 100ml volumes for all analytes

Testing

- Immediately before testing, mix the resuscitated sample thoroughly and then test for the target organism(s) using your routine laboratory methods.
- Test materials may contain high numbers of micro-organisms that may only be enumerated by performing dilutions.

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Additional Chemical Test Material Recording Requirements

- All test materials are to be reported in the format as specified on PORTAL.
- Additional details regarding reporting requirements can be found in the current QBS Scheme Description.

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.

Recording Results

- All results should be submitted using PORTAL
- Please go to <https://www.lgcpt.com/portal>
- Login using your Lab ID, username and password.

- A PORTAL user guide can be downloaded from the help section.

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.

Tel: +44(0)161 762 2500

Email: support@lgcpt.com