

Controls

Instructions for use

The AiM Controls serve in line with quality assurance to check the inhibitor testing. The lyophilisates must be re-suspended before use, serve as control substances for the inhibitor analysis and are used e.g. in the Brilliant Black Reduction Test (BRT). The control standards are pipetted into the test wells/tubes together with the samples for testing.

The negative and the positive controls should always be composed and tested in exactly the same way as the sample material. The influence of the test material on the test system is thereby taken into account. The AiM GmbH provides positive and negative controls of cow, sheep and goat milk.

The **Inhibitor Free Milk** is used in the BRT as a function, or negative, control. The well/tube containing Inhibitor Free Milk must turn from blue to yellow during incubation. The end point of incubation of the BRT is clearly indicated by the complete colour change of the negative control to yellow.

The **Penicillin G Standard** serves as a positive control. The well/tube containing the Penicillin G Standard must remain blue after incubation.

The **Control-Standard-Set** serves in line with quality assurance to check the inhibitor testing. It contains Ampicillin, Cefoperazon, Cloxacillin and Penicillin (positive controls) and Inhibitor Free Milk (negative control). The BRT wells/tubes containing Ampicillin, Cefoperazone, Cloxacillin and Penicillin must remain blue after incubation (positive result), the wells/tubes containing Inhibitor Free Milk must show a yellow colour (negative result).

The correct reactions of the positive and negative control samples give clear evidence to the user that the system is functioning properly and therefore validates all the results of samples investigated in the same batch. Comparing the colours of the test samples to the control samples makes it easy to interpret the test results.

Composition and concentration

The lyophilisates contain after re-suspending the substance-concentration mentioned on the vial +/- 10 %. E.g. Ampicillin 4 ng/ml*, Cefoperazon 50 ng/ml*, Cloxacillin 30 ng/ml*, Penicillin G 4 ng/ml*

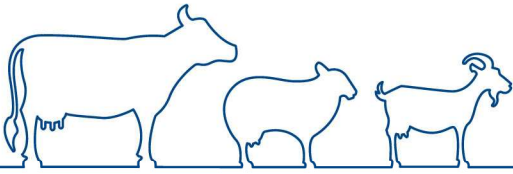
*Maximum Residue Limit (MRL), VO (EG) 470/2009

Analytik in Milch
Produktions- und Vertriebs- GmbH
Kaiser-Ludwig-Platz 2
D-80336 München

Phone
+49 89 5307512-0
Fax
+49 89 5307512-2

Email
info@aimbavaria.com
Internet
www.aimbavaria.com





Storage and use by date

The originally sealed lyophilisates can be conserved at 6 – 10 °C, dark, until the mentioned date on the packing.

In the case of contamination the solutions or the Inhibitor Free Milk may be rendered unusable or may lead to incorrect results. The controls must therefore always be kept clean and carried out with care.

Safety instructions

Hazard labelling is not necessary according to EC Directive 67/648/EEC. Read material safety data sheet.

Certificate of analysis

Every lot is checked internally and externally, certificates of analysis are available.

Further information

BRT – Background and Basic Information

BRT – Product Information

BRT – Instructions for Use

BRT – The Correct Incubation

BRT – Use of Preserved Samples

BRT – The Visual Evaluation

BRT – The Photometric Evaluation

BRT – Use of Milk Products

Controls – Product Information

Controls, lyophilisated – Instructions for Use

Penicillinase – Product Information

Should you have any further questions or require any special information, please do not hesitate to contact us directly.