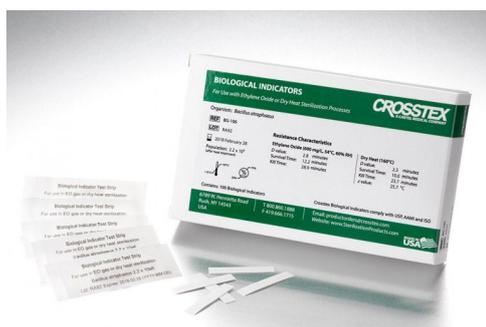




Metafix

PRODUCT INFORMATION BULLETIN

STERILISER MONITORING SERVICE BIOLOGICAL SPORE TESTING



Metafix (UK) Ltd
Unit 1 Dean Close
Raunds
Northamptonshire
NN9 6BD
Tel: 01933 461907
Fax: 01933 461944

HVHA Steriliser Weekly Spore Test Results Certificate

TEST NUMBER:
CUSTOMER ID:
CUSTOMER NAME:
ADDRESS:

TELEPHONE NO:
EMAIL:
OPERATOR:
EQUIPMENT TESTED:
SERIAL NUMBER:
TEST DATE:
DATE RECEIVED:
CERTIFICATE NUMBER:

Cox RapidHeat HVHA

PASS
Test culture remained green after 48 hour incubation at 37°C.
Control culture showed colour change to yellow, indicating non-sterile spore growth on incubation.

Approved signatory: _____

Signature: _____



FEATURES AND BENEFITS

- ◆ 48 Hour Biological Spore Testing Service for HVHA Sterilisers
- ◆ Highly resistant Bacillus atrophaeus bacterial spores encased in white glassine pouches
- ◆ Easy mail back system
- ◆ Email reporting and third party certification of results
- ◆ Telephone alert on test failures
- ◆ Economical weekly spore test service
- ◆ Absolute proof of sterilising performance

Metafix (UK) Limited

1 Dean Close, Raunds, Northamptonshire NN9 6BD

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STERILISER MONITORING SERVICE

BIOLOGICAL SPORE TESTING



SPORE TESTING

CPAC Equipment, Inc. recommends that biological spore testing be performed every 25 cycles, or at least once a week, to test the effectiveness of HVHA sterilisers. Biological spore testing is used to provide a direct correlation of the steriliser's parametric indicators and packaging/loading protocols with microbiological kill. Their use is not intended for the everyday monitoring of the steriliser's performance, but rather to provide another monitoring perspective of typical or challenging operating conditions.

Although the (CJD) prion protein is considered to be more resistant to inactivation than bacterial spores, the latter are considered to be the hallmark of resistance for three reasons:

- ◆ Bacterial spores are more resistant than all other disease producing microbes
- ◆ The bacterial spores used are non-pathogenic
- ◆ Bacterial spores are more easily handled than CJD prion protein

Thus, demonstrating the death of bacterial spores provides the main guarantee of sterilisation, because it assesses the process directly using live resistant microorganisms.

BIOLOGICAL SPORE TEST KIT

- ◆ 100 Spore Test Pouches (for 50 test and control biological tests)
- ◆ 50 Mail Back Envelopes
- ◆ 48 Hour Spore Test Service for 50 tests and certified results

MAIL IN SERVICE

Spore strips are small pieces of filter paper impregnated with non-pathogenic bacterial spores of *Bacillus atrophaeus* encased in a protective glassine pouch. Always handle the spore pouches with care to maintain their integrity and security to prevent false results.

- ◆ For a Cycle I or II test, place the spore test pack under an instrument to secure it in place.
- ◆ For a Cycle III test, place the spore test pack in a pouch and seal it.

After sterilising the "test" spore pack, place in the mail back envelope along with an unsterilized "control" spore pack and send to the Metafix laboratory ensuring your details have been filled out.

On arrival at the Metafix laboratory the paper "test" and "control" strips are aseptically transferred to individual test tubes containing sterile culture media and then incubated for 48 hours. After incubation a **pass** test certificate is emailed to a notified person(s). In the event of a failure, the notified person will get an immediate telephone call and an emailed **fail** test certificate. Guidance will be given on re-testing and precautionary checks to be made.

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