

MICRONLAB

2025



 **micronlab**
FROM MICRONCLEAN



CONTENTS

ABOUT MICRONLAB	01
TESTING	02
TEST REQUEST FORM	04
SAMPLES AND TRANSPORT	05
SUSTAINABILITY	05



ABOUT MICRONLAB

MicronLab is a laboratory testing service for the cleanroom industry. It has been developed by Micronclean who have 40 years of experience in the cleanroom contamination control industry to meet the needs of small to medium sized companies who need a reliable and cost-effective laboratory testing service.

MicronLab operates in accordance with the principles of ISO 17025, although we have not yet gained this accreditation, we anticipate this happening in 2025.

As MicronLab is part of Micronclean it has access to a nationwide in-house transport network to provide a simple and reliable sample transport system which can simplify the procedure.

To find out how Micronclean can help your business please contact lab@micronclean.co.uk or complete the test request form which is available at www.micronclean.com

TESTING



MicronLab offers a comprehensive range of tests that are aligned with the business needs of the cleanroom industry.

STM001 Garment Particulate ASTM

This test measures the particulate contamination level on a cleanroom garment.

STM002 Water Testing (membrane filtration)

This test assesses the bioburden of water used in cleanrooms.

STM003 Length and Thickness Testing with Calipers and/or Micrometer

This test assesses the dimensions of samples.

STM004 Fabric Shrinkage Assessment

This test method defines how to accurately measure the dimensional change (shrinkage) of fabric samples and garments, post processing.

STM005 Specific Gravity of Liquid

This test assesses the specific gravity of alcoholic mixtures.

STM006 Burst and Leak Pressure Testing of Packaging

This test assesses the sterile seal of packaging used to transfer items into a cleanroom.

STM007 Refractivity Testing of Liquid

This method determines the indirect concentration of a solution by assessing the refractive index.

STM008 Liquid Bioburden

This test assesses the bioburden on liquid samples via membrane filtration.

STM009 Mass per Unit Area

The test measures the gram per square metre of fabric samples.

TESTING

STM011 Goggle Particulate ASTM

This test assesses the particulate level on cleanroom goggles.

STM013 Environmental Microbiological Testing

This test assesses the microbiological contamination levels within a cleanroom via the use of environmental settle, contact and finger dab agar plates.

STM014 Allergen Testing

This test method assesses allergen removal from a laundry garment after processing.

STM015 Washer Extractor Bioburden Testing

This test method assesses the thermal disinfection cycle of washer extractors.

STM016 Product Bioburden

This test assesses the bioburden on cleanroom products.

All testing is unaccredited unless specifically stated in the test title.



STM013 Environmental Microbiological Testing

TEST REQUEST FORM

The test request form can be downloaded at:
www.micronclean.com

MICRONLAB TEST REQUEST FORM

I-LB-504



Thank you for using MicronLab, a Micronclean Ltd business. Please complete the below form to request a testing service, providing as much detail as possible, to enable us to efficiently complete the request.

PURCHASE ORDER NUMBER:

PURCHASE ORDER MUST ALSO BE PROVIDED

COMPANY NAME:

CONTACT NAME:

ADDRESS:

CONTACT E-MAIL:

E-MAIL REPORT TO:

SAMPLE DETAILS

SAMPLE:

OTHER DETAILS:

BATCH NO:

QUANTITY:

RETURN SAMPLES?
TESTING REQUIRED

✓

FURTHER COMMENTS

STM001 - Garment Particulate ASTM

STM002 - Water Testing (Membrane Filtration)

STM003 - Length & Thickness Testing WITH CALIPERS AND/OR MICROMETER

STM004 - Fabric Shrinkage Assessment

STM005 - Specific Gravity of Liquid

STM006 - Burst & Leak Pressure Testing of Packaging

STM007 - Refractivity Testing of Liquid

STM008 - Liquid Bioburden

STM009 - Mass per Unit Area

STM011 - Goggle Particulate ASTM

STM013 - Environmental Microbiological Testing

STM014 - Allergen Testing

STM015 - Washer Extractor Bioburden Testing

STM016 - Product Bioburden

OTHER:

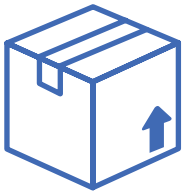
DISCLAIMER: PLEASE BE ADVISED, MICRONLAB DO NOT UNDERTAKE SAMPLING FOR TEST REQUESTS.

DATE SUBMITTED:

COMPANY NAME:

SIGNATURE:

SAMPLES AND TRANSPORT



SAMPLE PACKAGING

It is essential all samples sent to MicronLab are correctly labeled and secured, to maintain sample integrity. To help with this, MicronLab have produced guidance for samples, including appropriate labelling and protection during transport, which is available on request.



TRANSPORT

There are two ways to send samples to MicronLab these being:

EXISTING MICRONCLEAN CUSTOMER

If you are an existing Micronclean customer, you can use our transport fleet to send your samples to MicronLab. Using this method, the samples will be fully tracked using our PoD system and managed internally by a designated handling process.

NEW MICRONCLEAN CUSTOMER

If you are a new customer to Micronclean, you can send your samples direct to us via the use of any reputable, overnight courier or postal service.

SUSTAINABILITY



Where required, MicronLab follows strict aseptic techniques in its testing procedures, meaning many of the laboratory consumables and equipment must be sterile. This can limit the re-usability of some items. However, where possible, MicronLab utilises reusable, autoclavable equipment.

In addition, MicronLab is a paperless laboratory and has implemented an efficient recycling program, which aims to reduce, reuse or recycle all the plastics which the laboratory uses, including sample containers and packaging.

In this way, MicronLab aims to reduce its environmental impact and promote sustainable laboratory practices in line with Micronclean's [MicronGreen](#) business initiative.



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