

Professional Rapid Microbiology For Every Laboratory



Why wait.....



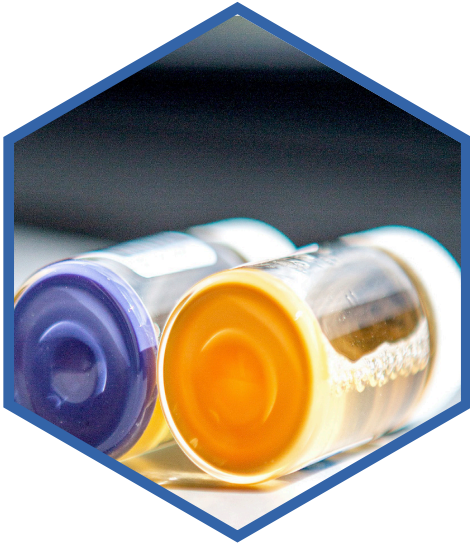
CertaBlue

New-generation Microbial Detection System



Superior Science

CertaBlue introduces a new-generation microbial detection system. Our range covers a comprehensive package of tests for a variety of market segments, including nutraceutical, food, dairy, beverages, cosmetics and pharmaceutical applications.



Benefits

Supply Chain

- Save up to 12 days on quarantine time and up to 20% of the required storage area

Production/Manufacturing

- Reduce lead time; improve production capacity
- Rapid response to contamination incidents

Quality Control

- Test results obtained within hours compared to days with traditional methods. Microbial quality controls are not the bottleneck of a safe product release process.

Financial

- Decrease working capital requirements and increase cash flow
- Return on investment in less than 2 months

Principle of the Test

CertaBlue is based on rapid detection of several metabolic processes that take place within the growing organism.

The system can detect color changes through highly sensitive optical sensors. All vials are ready-to-use, prefilled with media, and equipped with CertaBlue sensors. In most cases, the test vials can be inoculated with a non-diluted high volume sample.

The optical sensors can detect carbon dioxide as the universal indicator for microbial growth. The sensor is placed in the bottom of the vial, where it directly detects carbon dioxide changes. CertaBlue sensors are only permeable for gases. Liquids, dyed/heavily colored products, and other particles will not interfere or cause false results.

Positive



Negative



CertaBlue at a Glance



Test procedure consists of adding sample or sample dilution to the vial.

MicroVal Accredited

Rapid Results

- Positives can be detected in hours instead of days with results every 15 minutes
- Real-time detection and early warning notification of positive samples
- Broth formulations to enhance recovery of injured and or damage micro-organisms

The AutoScanner System

- Two 20-place incubators per AutoScanner
- Samples auto-detected and do not require group testing
- Easily maintained and calibrated
- LIMS compatible/regulatory complaint

The Computer Software

- Two 20-place incubators per AutoScanner

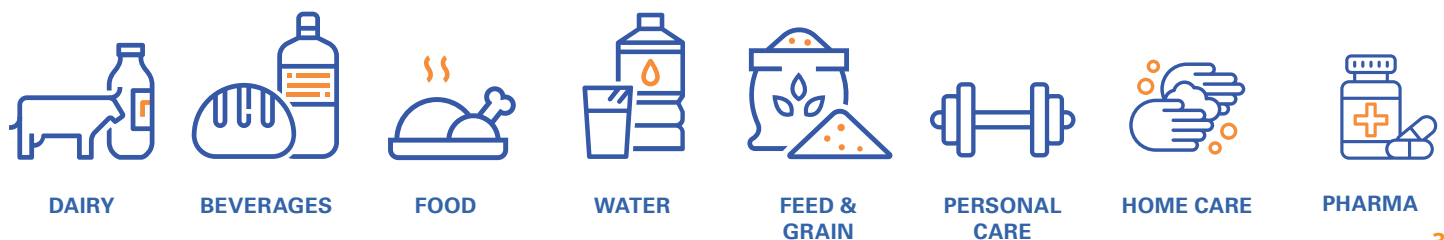
Simplified Test Procedure

The CertaBlue testing procedure is remarkably easy. Liquid or semi-solid/solid samples ranging from 0.1 – 9.0 mL or 0.1-0.9g can be added to the CertaBlue test vials, and incubated. Contact Charm Sciences for specific product testing protocols.

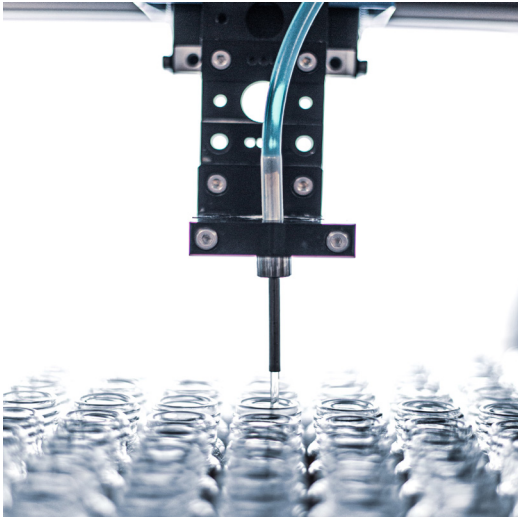
Results are displayed in real-time when using the AutoScanner. Samples contaminated above the accepted level are quickly detected by the built-in early warning system.

Industries

CertaBlue offers a comprehensive package of rapid microbiological tests and professional coaching for the following market segments.



Benefits of the CertaBlue System



- Low investment to get started
- Modular system for 40 samples (expandable up to 10 modules)
- Dual integrated incubators with adjustable temperature from 25 to 65 °C
- Real-time monitoring of all samples
- Early warning of presumptive positive samples
- Results in hours instead of days
- Compact, reliable design with no moving parts
- No expensive maintenance necessary including CertaSoft HACCP Track & Trace software
- LIMS compatible/regulatory complaint

Available Test Media (40 Tests per Kit)

Tests
Aerobic Count (Total Viable Count)
Alicyclobacillus
Bacillus
Coliform
Enterobacteriaceae
Gram Negative Bacteria

Tests
Lactobacillus
Orange Serum Broth
Pseudomonas Spp.
Staphylococcus/Micrococcus
Yeast and Mold