CERTA
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BLUE

Why wait......

Professional Rapid Microbiology for every Laboratory

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CertaBlue
A new generation real-time microbial detection system

About CertaBlue

CertaBlue推出了新一代的微生物檢測系統。

系統檢測範圍涵蓋各種領域的鑑定，包括營養保健品，食品，乳製品，飲料，化妝品和製藥應用。

我們通過全面的評估、培訓和目標性的管理，藉由內部管理、專業知識、及全年無休，提供最優質的客製化服務。

CertaBlue可以為您提供什麼？

藉由CertaBlue快速微生物檢測系統，能夠與其他在食品或化妝品產業的公司一樣，達成提高獲利和產品品質的目標，且投資回報率不到2個月。

Benefits for the financial department	Benefits for the supply chain	Benefits for the manufacturing department	Benefits for the quality department	Benefits for the laboratory
Decrease working capital requirements and increase cashflow	Save up to 12 days on quarantine time and up to 20% of the required storage area Decrease end product inventory costs	Reduce lead time, improve production capacity Rapid response to contamination incidents	Reduce non-quality costs (no defects, no recalls) Reduce safety stock	Test products obtained within hours compared to days with traditional methods ; microbial quality controls are not the bottleneck of a safe product release process

Fast detecting CO2 sensors

YEAST&MOL
EXPIRY DATE: JAN
LOT# 0116
STORE AT 0 - 7 °C

YEAST&MOLDS
EXPIRY DATE: JAN 2019
LOT# 0116
STORE AT 0 - 7 °C

Professional and rapid microbiology
for every laboratory
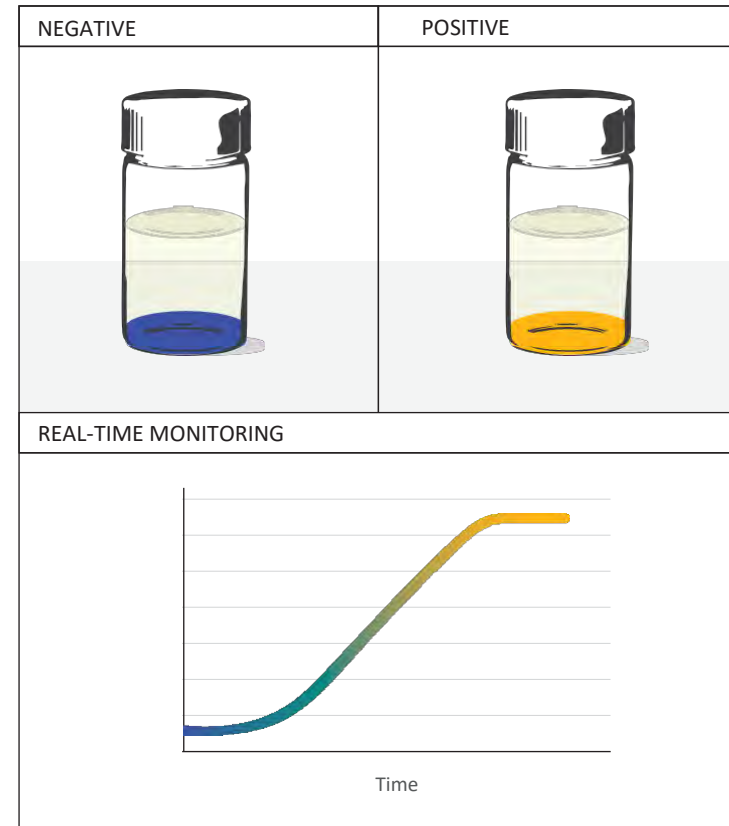
CertaBlue系統可針對原物料、重要管控點、及最終成品快速進行微生物汙染的測試。

CertaBlue根據檢測細菌生長中的代謝過程及顏色變化，再藉由系統高靈敏度的光感測器偵測這些變化。 每個試劑瓶均配有培養基和CertaBlue感測器。

在大多數情況下，未稀釋的樣品可接種於現成的試劑瓶。CertaBlue試劑瓶底部放有一個光感測器，可直接偵測二氧化碳的變化。而二氧化碳通常作為微生物生長的泛用指示劑。光感測器僅氣體可滲透。 液體、微生物、及其他顆粒並不會影響結果。
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WHY WAIT?

CertaBlue提供：

• 簡易的檢測程序

    -可立即使用的試劑瓶

    -只需將樣品加入至試劑瓶中

    -可進行無限數量的檢測

    -僅需數小時即有結果

    -使用自動掃描器時的即時檢測和預警

    -高效率的產出

    -確保快速且可信賴的結果

NEGATIVE	POSITIVE

REAL-TIME MONITORING

Time

Simplified testprocedure, preparation consists of just adding your sample to the vial
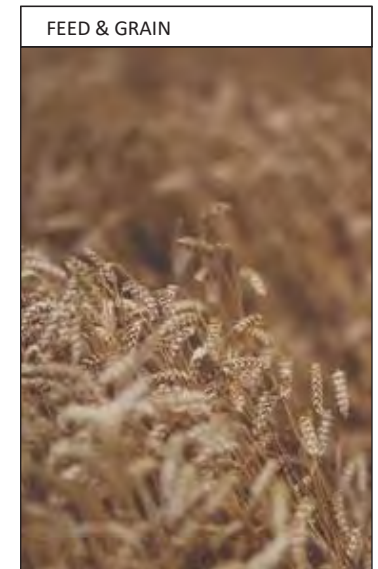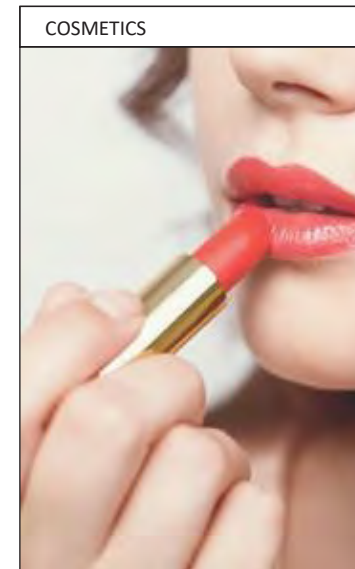
Procedure
This easy?

EASY

CertaBlue的檢測程序非常簡單。
只需按照說明，根據不同的產品加入0.1至1毫升檢
體至特定的CertaBlue試劑瓶。 使用自動掃描儀時，
結果將即時顯示。 內置的預警系統可迅速偵測出超
出可接受污染程度的樣品。

準備好的測試瓶均配有培養基和光感測器。 每瓶的
最低檢測極限值為一株菌，呈現陽性的試劑瓶可做
後續的確認鑑定試驗。

INDUSTRIES

CertaBlue提供了完整一系列的快速微生物檢測、
技術性的指導、及針對下面五種市場領域的專
業性知識和指引教學：

Barcode compatible

Tests:
Protect your brand

Microbial results in hours instead of days.

Test type (測試菌種)	Traditional method （傳統 測試時間）	Test time CertaBlue （CertaBlue 測試時間）	CertaBlue early warning （CertaBlue 預警時間）
Total Viable Count （總活菌數）	48小時	18-24小時	6 - 10小時
Coliform （大腸桿菌）	24小時	14 - 18小時	6 - 10小時
Yeast & Mold（黴、酵母菌）	5 天	48小時	24 - 48小時
Enterobacteriacea （腸桿菌科）	24小時	14 - 18小時	6 - 10小時
Pseudomonas （（綠膿桿菌）	48小時	24小時	10 - 18小時
Listeria （（李斯特菌）	48 小時	24小時	10 - 18小時

Overview

Total Viable Count

- Ready to use test vials, including growth media and sensor for total viable count
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquids samples
- Incubation time: 18 - 24 hours

Tests available in 25 and 100 packs

Coliform

- Ready to use test vials, including growth media and sensor for the detection of coliform bacteria
- Temperature stable
- LOD of 1 organism
- Tests can be used for retesting
- Minimal training is required
- Suitable for solid and liquids samples
- Incubation time: 14-18 hours

Tests available in 25 and 100 packs

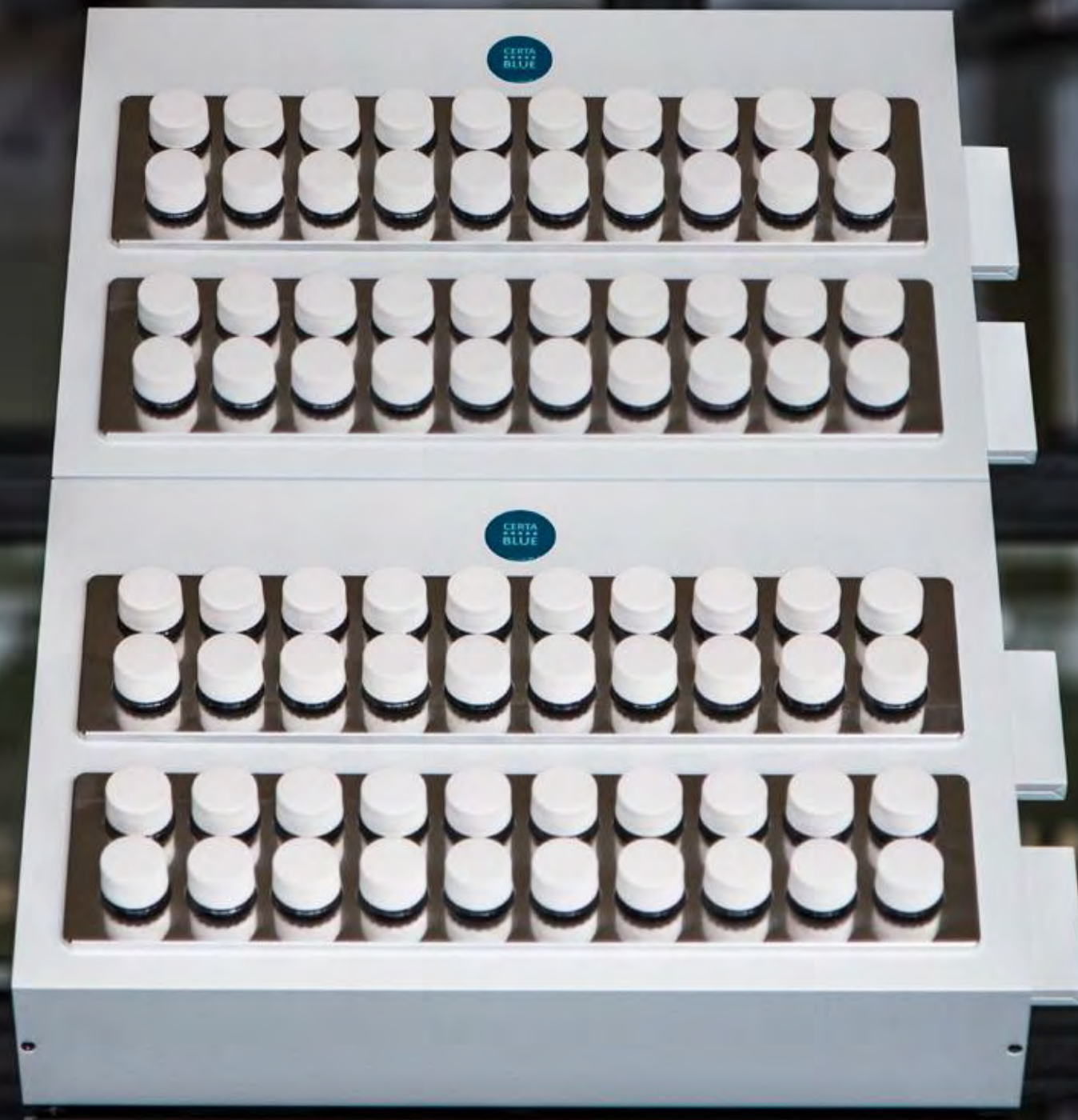| Yeast & Mold	Enterobacteriaceae	Pseudomonas	Listeria	Custom
• Ready to use test vials, including growth media and sensor for the detection of yeast and mold • Temperature stable • LOD of 1 organism • Tests can be used for retesting • Minimal training is required • Suitable for solid and liquids samples • Incubation time: 48 hours Tests available in 25 and 100 packs	• Ready to use test vials, including growth media and sensor for the detection of enterobacteriaceae • Temperature stable • LOD of 1 organism • Tests can be used for retesting • Minimal training is required • Suitable for solid and liquids samples • Incubation time: 14-18 hours Tests available in 25 and 100 packs	• Ready to use test vials, including growth media and sensor for the detection of pseudomonas • Temperature stable • LOD of 1 organism • Tests can be used for retesting • Minimal training is required • Suitable for solid and liquids samples • Incubation time: 24 hours Tests available in 25 and 100 packs	• Ready to use test vials, including growth media and sensor for the detection of listeria • Temperature stable • LOD of 1 organism • Tests can be used for retesting • Minimal training is required • Suitable for solid and liquids samples • Incubation time: 24 hours Tests available in 25 and 100 packs	• Custom ready to use test vials, including growth media and sensor developed for specific customer requirements • Temperature stable • LOD of 1 organism • Tests can be used for retesting • Minimal training is required • Suitable for solid and liquids samples Available on request

CertaBlue AutoScanner
Fully automated system

Integrated protective glass

CertaBlue AutoScanner
Automated microbiology is now available for every laboratory

這個自動掃描系統針對當前需求和未來微生物研究所開發。

- 用於40個樣品的模組化系統（最多可擴充10個模組）

- 溫度可控制在20至60℃的雙模組培養箱

- 所有樣品的即時監控

- 假定陽性樣本的預警

- 幾小時內即可產出結果

- 觸式、穩固的設計，無任何可動零件

- 使用CertaSoft HACCP 追蹤及回溯軟體

The MiniScanner is a compact and economical solution for every laboratory

CertaBlue MiniScanner

Compact, affordable solution for smaller test volumes in microbiological quality control

SYSTEMS

這個微掃描系統是針對當前需求和未來微生物研究所開發。

- 輕巧簡配，一天可掃描10至50個樣本
- 套組包括微掃描器、掃描軟體、和條碼掃描器
- 在最短時間完成培養後可使用微掃描器讀取樣品
- 確保與整合式條碼相容的CertaSoft軟體完全安全

Real-time monitoring

CertaSoft
HACCP Track & Trace sohtware

THE PACKAGE

CertaSoft HACCP 追蹤及回溯軟體

- CertaSoft是專業的作業軟體系統，包含管理CertaBlue 迷你掃描機和自動掃描機的基本軟體包
- 可即時監控高達480個樣本
- 自動數據存檔
- 支援LIMS系統
- 自動生成報告及趨勢數據分析
- 軟體易學好用，且支援條碼
- 支援Windows 7、8和10

LIMS INTEGRATION

藉由連接CertaSoft至LIMS系統，可以讓公司脫胎換骨、促進更流暢的合作及資訊共享，並降低成本。

透過與客戶合作，CertaSoft儀器的設計與開發，可以完全優化CertaBlue設備，以符合當前需要，同時可以隨著業務需求的增長而發展。 我們讓專業研究人員可以自動化並整合操作，能夠改善即時存取的資訊。以符合經濟效益的方式管理樣品和資源、蒐集及分析品質數據，提供精準的報告並確保法規遵循。

CertaBlue
Quality without compromise

MCS Diagnostics BV是一家國際知名且信譽卓著的製造商，提供了專業的高品質分析系統。

我們針對各種市場提供不同產品全面性的套組，包含工業，臨床及獸醫應用。聞名世界的製造商，其產品的質量、可靠性、及精密性讓我們公司成為受矚目的供應商。
我們為各種產業提供特定的產品。

我們通過全面的評估、培訓和目標性的管理，藉由內部管理、專業知識、及全年無休，提供最優質的客製化服務。

MORE INFORMATION

MCS Diagnostics BV
Voorveld 16
NL-6071 RE Swalmen

T +31 (0)475 50 82 60
T +49 (0)2163 95 30 29
info@mcsdiagnostics.com
www.mcsdiagnostics.com

www.certablue.com

CertaBlue is a registered trademark of MCS Diagnostics BV

PLAN A VISIT FROM OUR MICROBIAL EXPERTS

We would be delighted to schedule a demonstration of our CertaBlue products. Please contact us by email or telephone to plan a visit from our microbial experts.

REQUEST A DEMO

CertaBlue also offers you the possibility to request an online meeting and demonstration. Please visit www.certablue.com/en/demo and fill in the request form.

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