



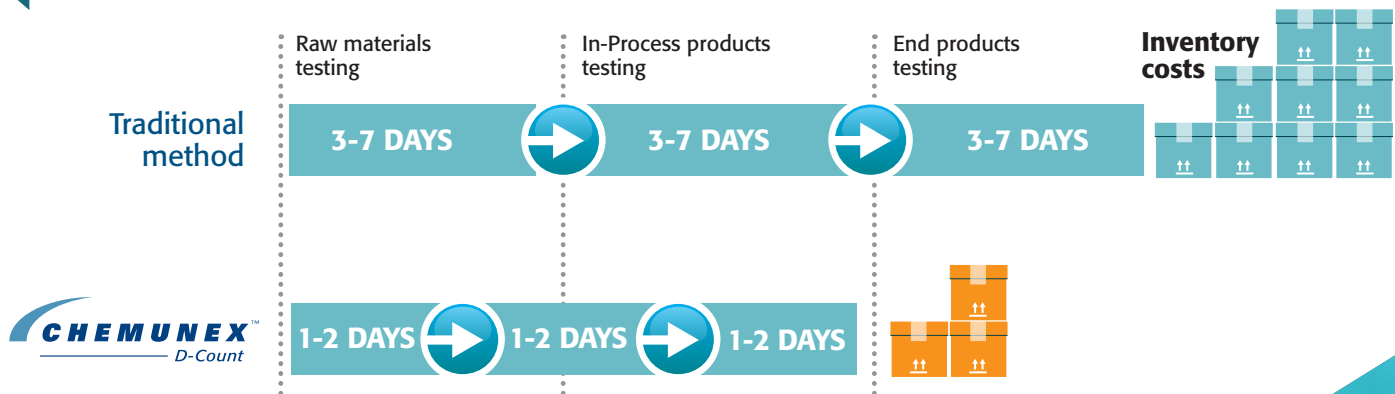
WHEN *Ultra Rapid Microbial Testing Solutions*  
PROFITABILITY AND QUALITY  
COME TOGETHER

# NEED TO REDUCE YOUR PRODUCTION LEAD TIME?

## Increase your manufacturing and supply chain productivity

through the ultra rapid microbiology testing solution allowing dramatic reductions of QC quarantine times

### Save time, decrease costs



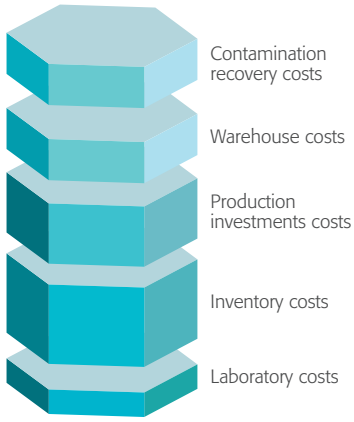
### Benefits for the laboratory

Microbial quality controls are not the bottleneck of a safe product release process

- Rapidity
- Automation
- Standardization
- Traceability

# GLOBAL BENEFITS

# Global benefits for the company



Traditional method



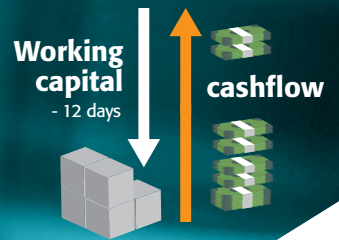
**CHEMUNEX**  
D-Count

Like many other industrial companies, achieve your objectives of enhancing **profitability & product quality** through CHEMUNEX® ultra rapid microbial testing.



## Benefits for the Financial department

Decrease working capital requirements and increase cash flow



## Benefits for the supply chain

Save up to 12 days on quarantine time and up to 20% of the required storage area  
Decrease finished product inventory costs



## Benefits for the manufacturing department

Reduce lead time  
Improve production capacity  
Rapid response to contamination incidents

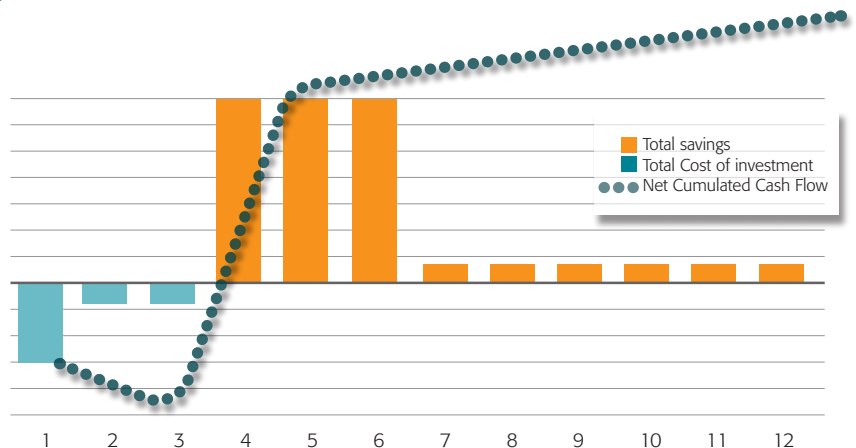


## Benefits for the Quality department

Reduce Non-quality costs  
(no defects, no recalls)  
Reduce safety stock

## Return on investment down to 6 months

Down to 6-month return on investment with significant **operational costs savings**





**CHEMUNEX® Worldwide and bioMérieux as a microbial testing solution expert**

# CHEMUNEX® SYSTEMS ARE USED IN ROUTINE EVERY DAY WORLDWIDE



**50 years**  
of expertise  
in Microbiology

**42**  
subsidiaries  
with Local supports

## COSMETICS



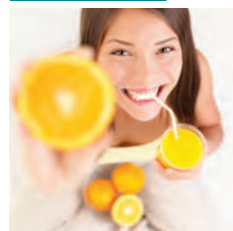
In an evolving regulatory framework and a market demanding flexibility, Cosmetic manufacturers need urgently to use reliable, fast and cost effective methods for quality controls. Microbial controls are part of the global product safety requirements, and allow the protection of either the consumers and the company brand images. Finished goods are controlled, and to reduce the contamination risk in the products, manufacturers are also asked to select and control raw materials, packaging, and their manufacturing environment.

## DAIRY PRODUCTS



Throughout the dairy industry, quality control laboratories are facing increasing pressure to cut the turnaround time on their microbiological testing. The main driver for this is the desire within many companies to reduce production cycle times and inventories, implement just-in-time manufacturing processes, minimize the risk and cost associated with potential in-process contamination whilst continuing to guarantee and enhance the quality of products delivered to customers.

## BEVERAGES



Product releases based on effectiveness, safety and quickness are becoming an increasingly important factor for all beverages manufacturers worldwide. As classical microbiology is limited by the growth rate of microorganisms on culture media, rapid microbiology systems have become more and more interesting to quality assurance managers during the last few years, also driven by trend of non-preserved beverages and change from traditional glass bottle to modern PET bottle requiring highest demands for aseptic filling.

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