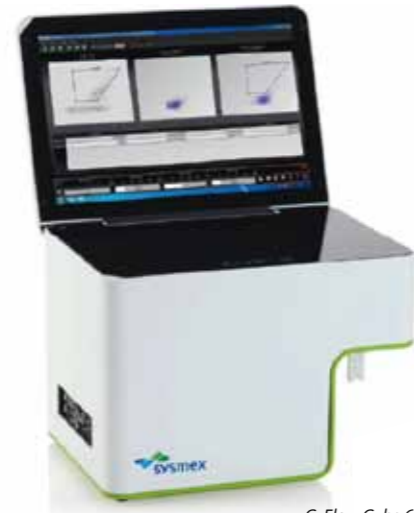


CyFlow Cube 6 and Flow VIT Alicyclobacillus test kit

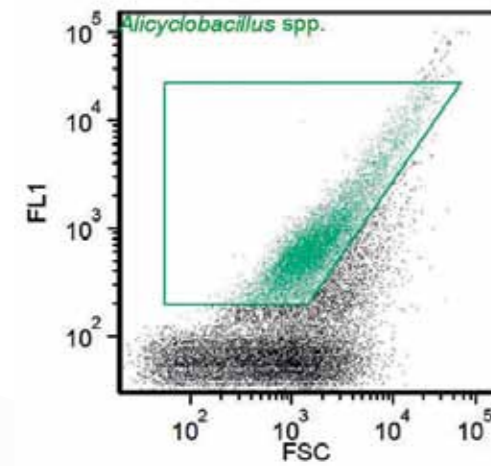
Assurance of quality in beverage production

- Parallel detection of *Alicyclobacillus* spp. and *A. acidoterrestris*
- Enumerate only living alicyclobacilli
- Low limit of detection
- Easy interpretation of the results
- Reliable results even on challenging fruit juices and concentrates
- Fast and easy workflow
- Installation and Operational Qualification (IQ/OQ) protocols

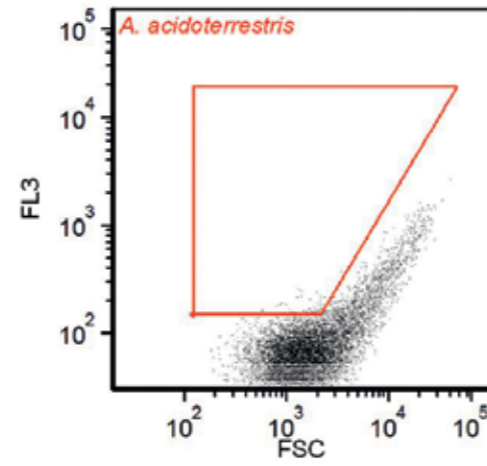


CyFlow Cube 6

Analysis example using the Flow VIT Alicyclobacillus test kit



Alicyclobacillus spp.:
positive result



Alicyclobacillus acidoterrestris:
negative result

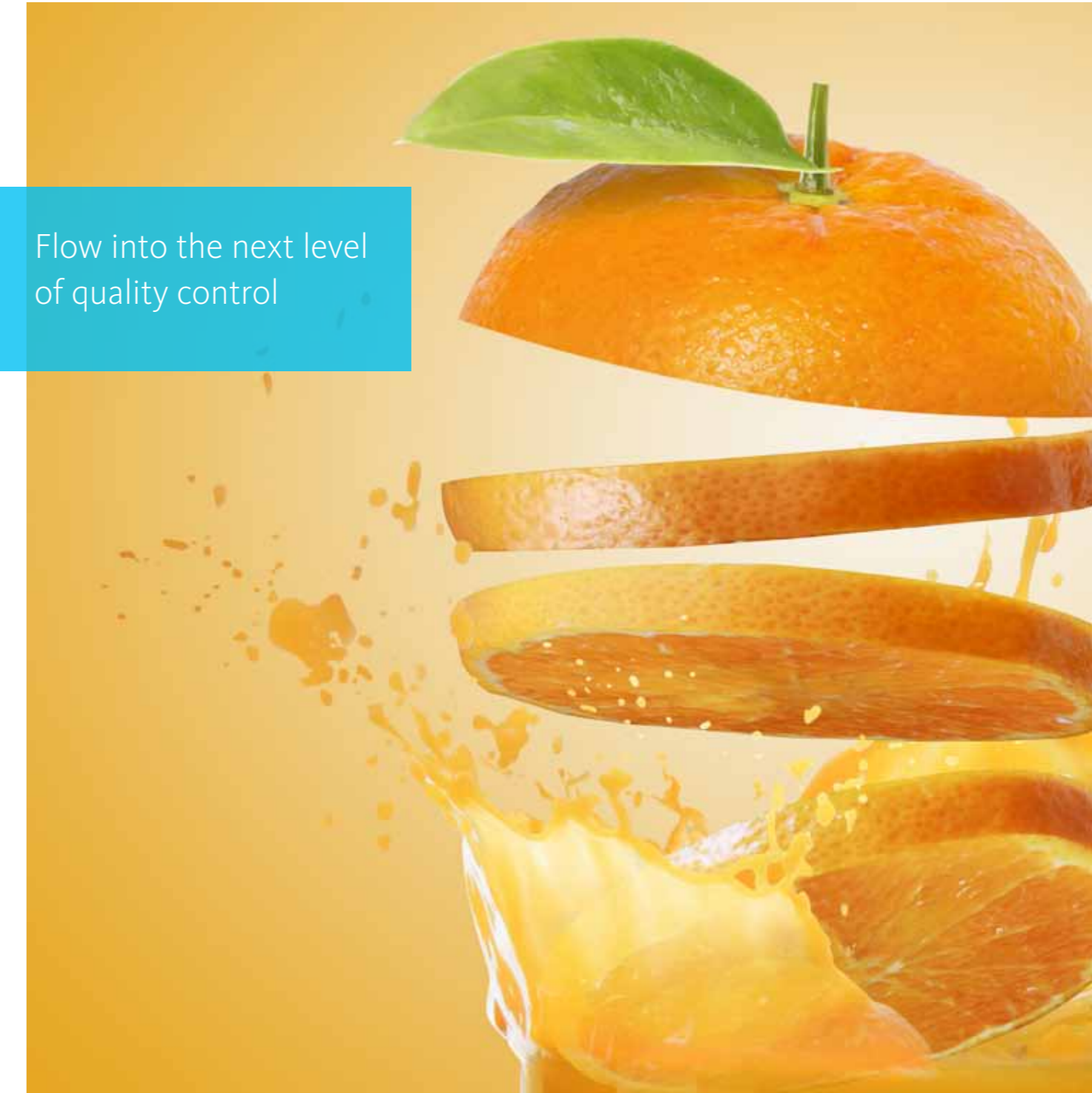


Fast and reliable spoiler monitoring

Flow VIT Alicyclobacillus

Flow into the next level
of quality control

Design and specifications may be subject to change due to further product development.



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Unpleasant taste or smell?

Flow VIT helps to recognise and prevent Alicyclobacillus contaminations.

Alicyclobacilli are frequently occurring beverage spoilage microorganisms that can cause off-odours or flavours in juice or juice-containing beverages. As their spores are resistant to normal pasteurisation methods, it can be a challenge to remedy the situation once they are present in a production lot - and the resulting economic impact can be very high.

Assurance of quality in beverage production – with Flow VIT Alicyclobacillus

The Flow VIT solution is a highly specific and automated detection system that enables fast and reliable quality control testing for Alicyclobacilli. It allows you to detect beverage spoilers faster and with less effort than classical culture methods, while at the same time avoiding false-positive results.

Flow VIT Alicyclobacillus detects all members of the genus Alicyclobacillus and, in parallel, specifically detects the dreaded species Alicyclobacillus acidoterrestris.

The Flow VIT Solution



Flow VIT – the next level of microbiological analysis

The Flow VIT solution is the perfect combination of VIT gene probe technology and flow cytometry. Using the Flow VIT solution, microbiological quality control is elevated to a higher level; paving the way for fast and cost-effective microbiological monitoring of production processes.

Partnering to deliver new microbiological testing solutions

The Flow VIT solution has been developed in a collaboration between Vermicon AG, known for their expertise in industrial microbiology applications; Sysmex Europe GmbH and Sysmex Partec GmbH, pioneers in flow cytometry measurement technologies. Through this partnership we aim to create more effective and economical solutions for industrial microbiology testing.

Sysmex order codes

Reagent	Sysmex order code	Number of tests	Suitable flow cytometer system
Flow VIT Alicyclobacillus	01150001	50	CyFlow Cube 6 (CY-S-3060R_V2m)

VIT = vermicon identification technology



Fast & easy workflow

The workflow is fast and easy and allows highly specific detection of living microorganisms in a short time, automatic evaluation included!

