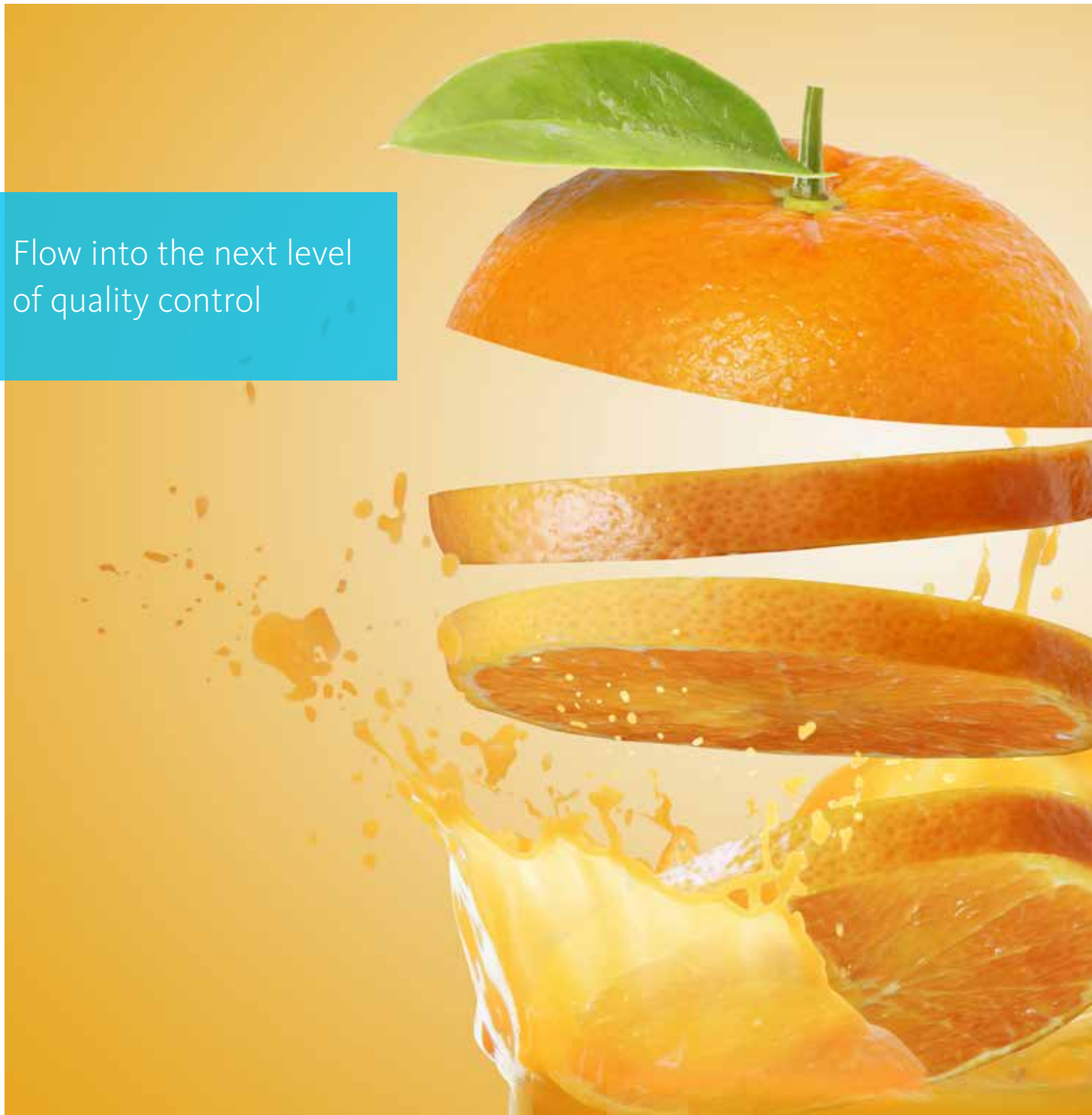
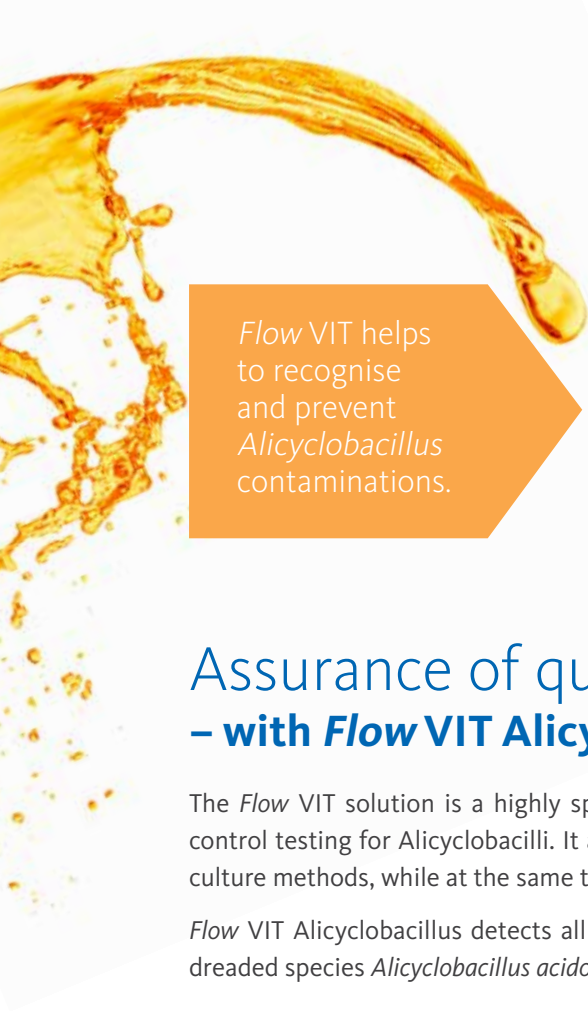


Fast and reliable spoiler monitoring

# Flow VIT Alicyclobacillus

Flow into the next level  
of quality control





*Flow VIT helps to recognise and prevent *Alicyclobacillus* contaminations.*

## Unpleasant taste or smell?

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.

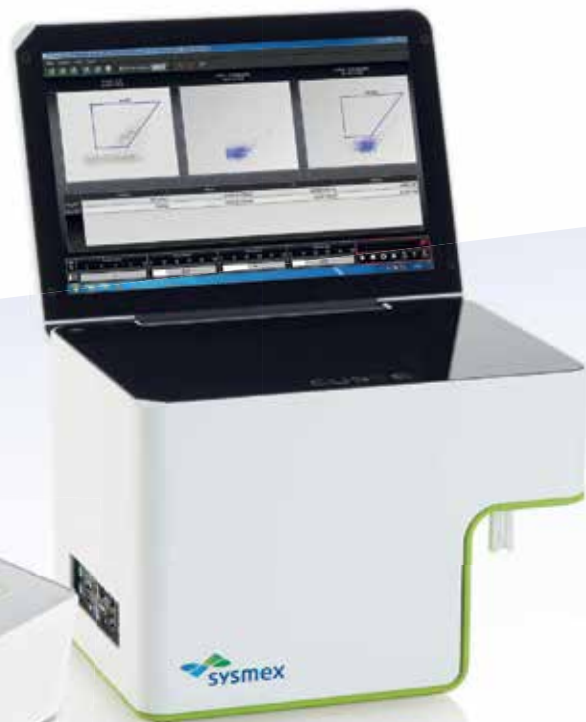
## Assurance of quality in beverage production – with **Flow VIT Alicyclobacillus**

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

CyFlow Cube 6  
with Flow VIT test kit



# 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.

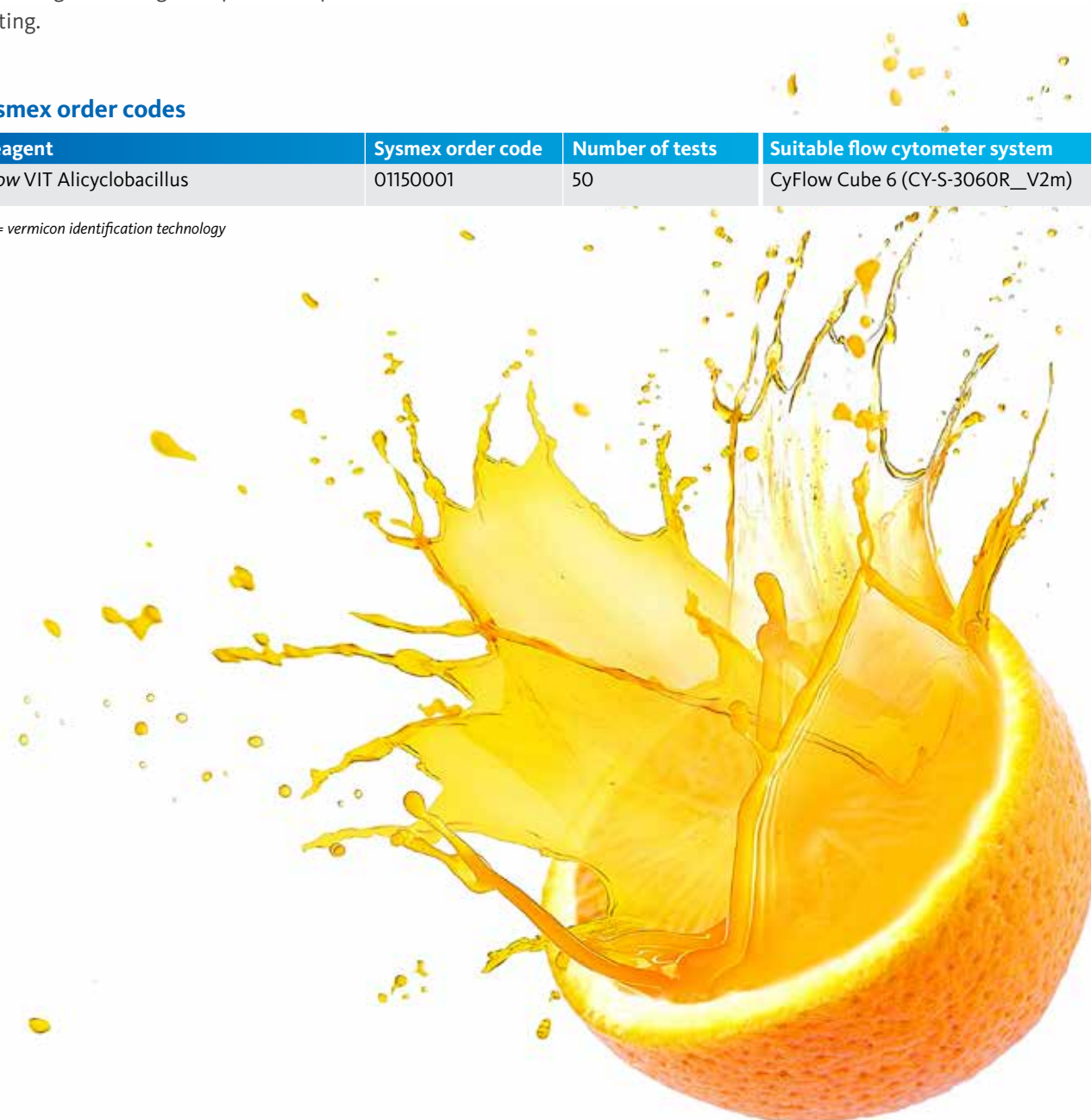
## Partnering to deliver new microbiological testing solutions

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

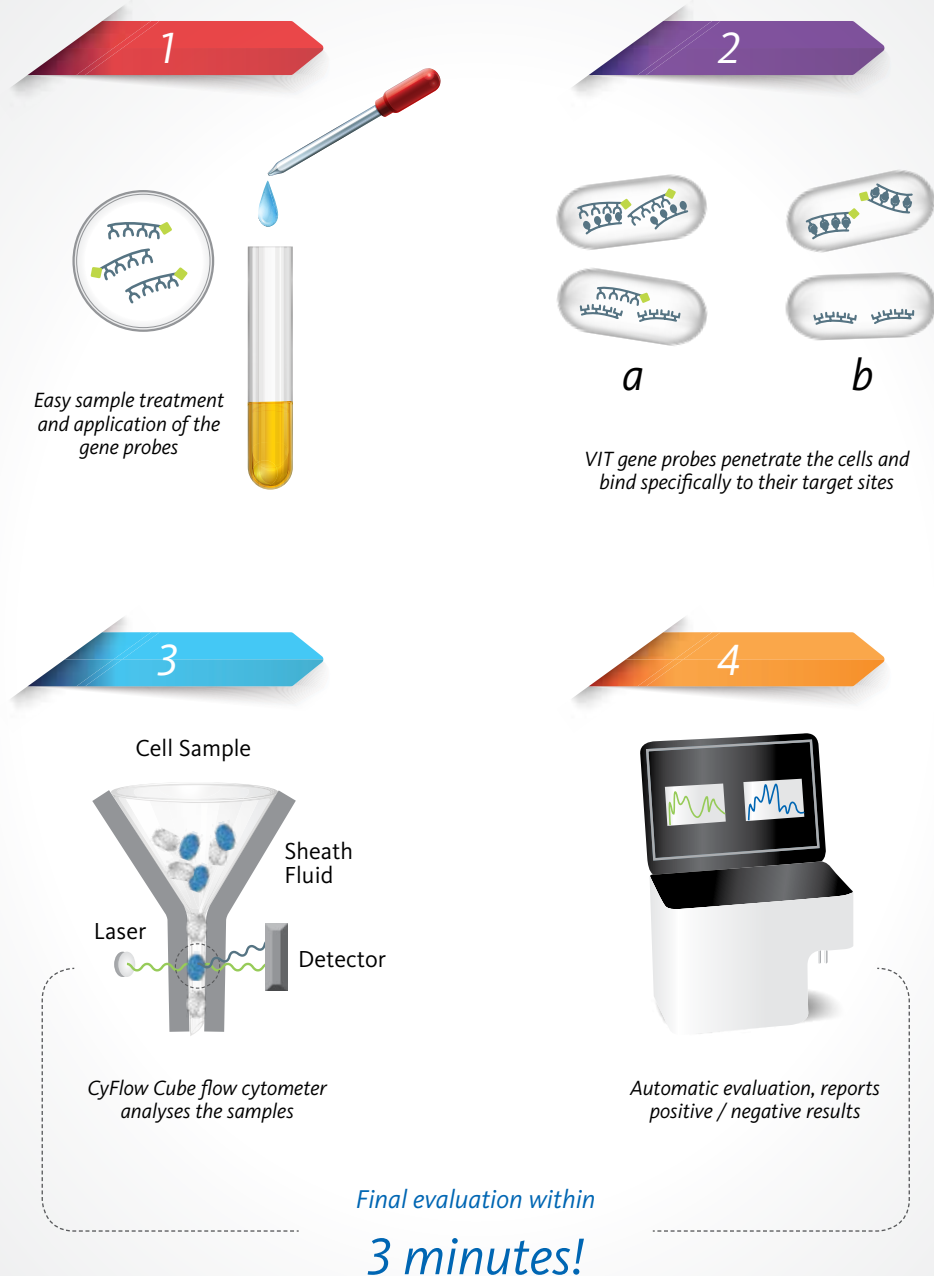
Reagent	Sysmex order code	Number of tests	Suitable flow cytometer system
<i>Flow</i> VIT Alicyclobacillus	01150001	50	CyFlow Cube 6 (CY-S-3060R_V2m)

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!





# CyFlow Cube 6 and *Flow VIT* Alicyclobacillus test kit

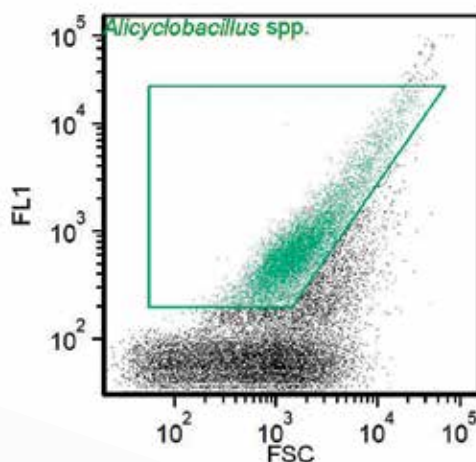
## Assurance of quality in beverage production

- 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

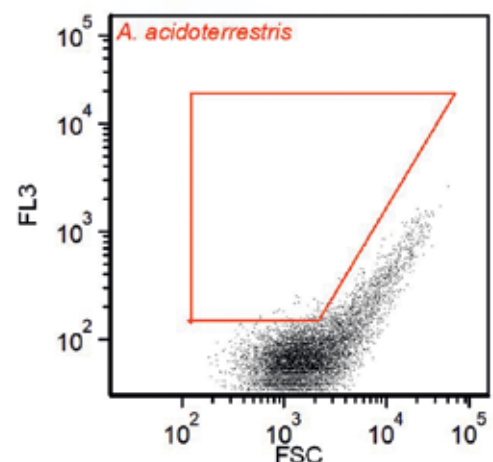


CyFlow Cube 6

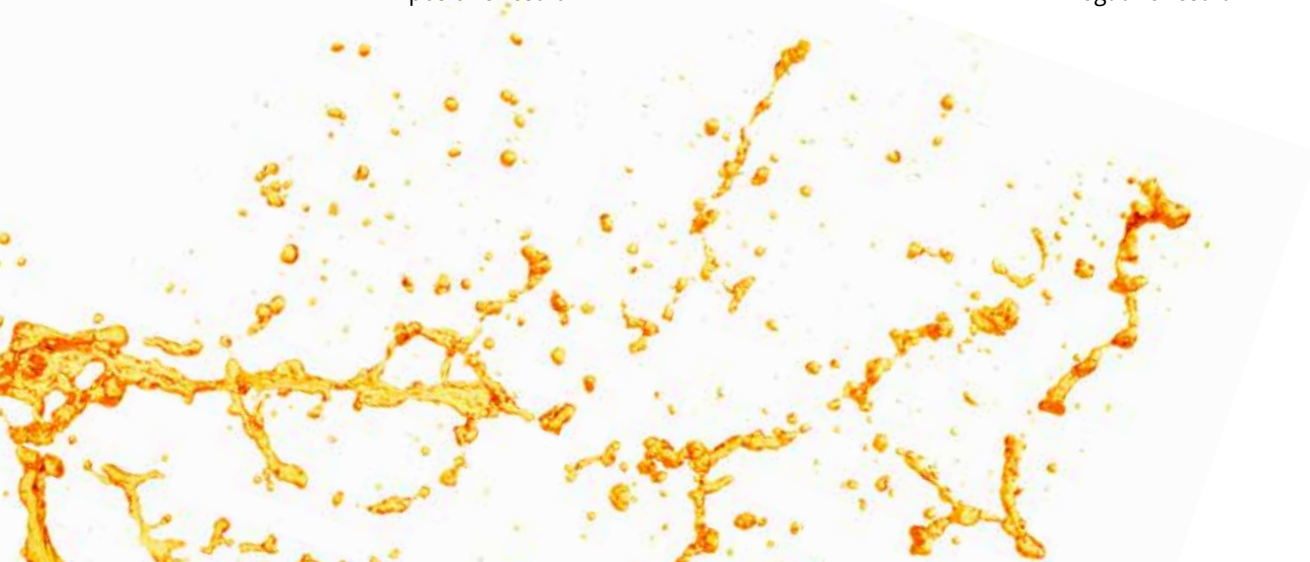
## Analysis example using the *Flow VIT* Alicyclobacillus test kit



*Alicyclobacillus* spp.:  
positive result



*Alicyclobacillus acidoterrestris*:  
negative result



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