



Oculer

Bringing Microbiology to Light

Rapid Microbial Detection and Growth Assay for *Alicyclobacillus spp* in Juices



Oculer's technologically advanced assays offer:

Simple
Fast
Accurate

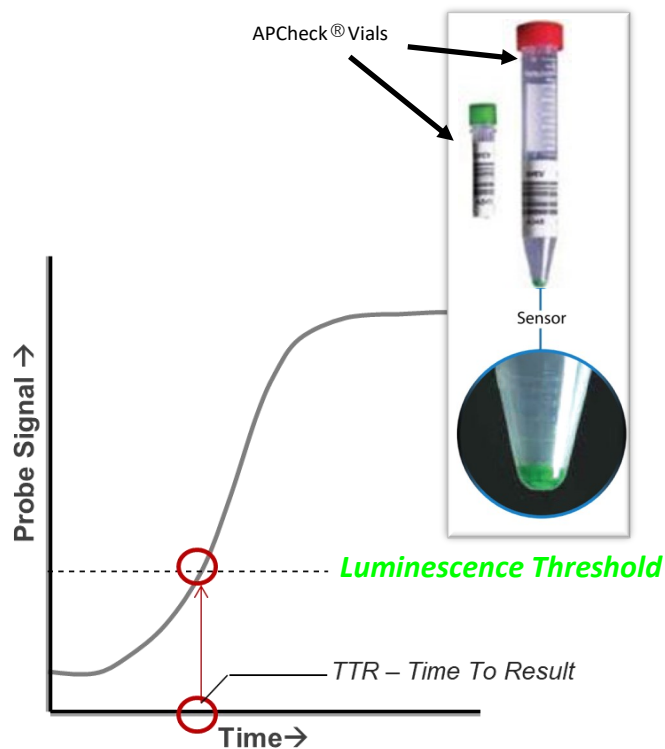
- Significant Time Savings
- Fully Automated Real-Time Results
- Increased Sensitivity
- Reduced Working Capital
- One Step Sample Inoculation
- Increased Integrity & Security
- Easy to Use OcuSoft Software
- Flexibility

“Bringing Increased Safety to the Food, Dairy & Beverage Industry”

Oculer, using *GreenLight® Technology, provides an innovative and complete system which combines the accuracy of a unique 930 series reader and incubator, together with OcuSoft software, proprietary APCheck® vial which contains an oxygen depletion sensor and selective growth media.

APCheck® Vials are supplied pre-filled and gamma irradiated for ease of use with convenient ambient temperature storage requirements. The fully automated system delivers:

- ⇒ **Faster Results** - *Alicyclobacillus spp* within 24hrs
- ⇒ **Increased Sensitivity** - Oculer assays are capable of analysing up to 10ml of sample, resulting in up to a 100-fold increase in sensitivity.
- ⇒ **Flexible** - adaptable to your workload by linking multiple reader units to a single PC.



* Greenlight® Technology Utilises a proprietary dye which emits a level of luminescence when Oxygen level is depleted during the growth phase of Microorganisms.

- *Alicyclobacillus* are spore forming bacteria that can survive the typical heat processing of fruit juices and concentrates.
- *Alicyclobacillus* do not cause typical swelling or product discolouration.
- Strict aerobic organism ideal for detection using Oculer technology.
- Results as early as 24hrs. Absence can be confirmed in 72hrs.

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