



Fruit that
looks
good, sells **first**
Perasan

Peracetic Acid (PAA)
Fruit and Vegetable Washing

Perasan complies with FSANZ and is EPA registered antimicrobial water additive for pathogen reduction in fruit and vegetable processing water.

Perasan controls fruit-and vegetable-surface microbial activity, so product spoilage is minimised and shelf-life is enhanced.

Perasan is recommended for use in the process waters of post harvest, fresh cut and processed fruits and vegetables in both batch and continuous operations. Perasan is also registered for use in spraying or dipping fruits and vegetables to control microbial growth that causes decay or spoilage on the surface of produce.

Benefits of Perasan:

1. Low reactivity with organics and soils assures consistent dosage is available for microbial control.
2. Successfully applied in all major processing steps, including multi-stage flumes, chill tanks, coolers and various washing equipment in fresh cut, post harvest and further processed facilities.
3. Perasan is OMRI-certified for organic production.
4. No pH control necessary - effective microbial control from acid to slightly alkaline pH.
5. Broad applicability to all vegetables and fruits, both whole and cut.
6. No rinse required.

Perasan

Environmental friendly

Perasan rapidly breaks down after use into water, oxygen and acetic acid. The byproducts are environmentally friendly, in line with our commitment to protecting our natural resources and ecosystems. For more information, visit castlechem.com.au/sustainability.

Metering Pumps

- ORP Controller with Integral Dosing Pump
- Operating Modes: On-Off / Proportional
- LCD Display
- Measuring Range: 0-1000 mV
- 4 – 20 mA output
- Display resolution 1 mV
- ZERO calibration
- Adjustable hysteresis
- Controls usage and maintains correct PAA during the working day



Testing

- **Test strips** - Useful for quick, approximate measurements, particularly between 0-200ppm.
- **Drop test kits** - Formulated specifically for Persan PAA, and useful for accurate measurements at all typical use concentrations. This is the only drop test kit that is recommended for our PAA.
- **Digital handheld electronic meter** - Easy-to-understand digital readout, and much less operator bias. No dropper bottles or watching for colour changes. Low range from 0-10 ppm with 0.1 ppm resolution, and high range from 0-200 with 2 ppm resolution.
This is the recommended test method for all PAA uses, and the most useful test method for uses requiring less than 10 ppm PAA such as irrigation and cooling water.

