

Neogen Corporation

Neogen Corporation is a leader in developing and marketing diagnostic test kits that provide simple food safety solutions. Its products are unsurpassed in terms of ease of use, convenience and speed.

In-house testing now available to dairy processors includes safety testing that was never known in the days when all testing was performed off-site. Current testing options include:

- Sanitation monitoring, which allows for the almost instant verification of cleanliness of food contact surfaces prior to production;
- Allergen testing kits, which allow HACCP verification of cleaning regimes with simple on-site tests that take only a few minutes;
- Rapid microbial tests, which allow for the early detection of potential spoilage organisms, and allows evaluation and release of ingredients prior to their use in production.
- Dairy antibiotic tests, which allow for detection of excess antibiotic residues in only minutes.

Neogen's products include:

Food allergen testing

Reveal® for Total Milk Allergen screens for milk residue at 5 parts per million (ppm) in liquid products (e.g., juices and sorbet), clean-in-place rinses, and on environmental surfaces. The test is especially useful in allowing multipurpose production lines to be tested quickly and reliably following the sanitation process. The Reveal format for milk allergen testing reduces the time to results from the previous 30 minutes to 5—allowing for even better production workflow. After simply dipping a test strip into a sample extract, two lines will form to indicate the presence of at least 5 ppm of milk residue (a combined total of casein and whey detected).



Microbial contamination testing

Soleris™ is a user-friendly, rapid optical testing system that accurately detects microbial contamination. The system measures microbial growth by monitoring pH and other biochemical reactions that generate a color change as microorganisms grow and metabolize. Using the Soleris system enables operators to easily identify, monitor, and map problematic spots.

Sanitation monitoring

Neogen's AccuPoint® ATP Sanitation Monitoring System, which puts the speed and convenience of ATP testing in a lightweight, rugged instrument that fits in the palm of your hand. AccuPoint's uniquely



sturdy sampling devices consistently collect and detect potential contaminants from surfaces, liquids, and typically hard-to-access areas such as filler heads. AccuPoint's intuitive software provides exceptional traceability and easy data analysis.

Beta-lactam testing

BetaStar® is a receptor-based lateral flow assay for the detection of beta-lactam residuals in milk in only 5 minutes. This easy-to-use format has wide acceptance in the international dairy market, and currently is being evaluated by the US FDA for potential approval and will subsequently be submitted to NCIMS for approval under Appendix N of the PMO.

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