ANSR™ for Salmonella receives added AOAC matrix approvals

LANSING, Mich., Jan. 14, 2013 — Neogen Corporation has received a matrix extension for its Performance Tested MethodSM Certification (PTM #061203) from the AOAC Research Institute for its ANSR™ for Salmonella assay.

In addition to the original claims, the following matrices are now included in the approval: soy flour, cocoa powder, peanut butter, almonds, dry pet food, dried pasteurized egg, black pepper, ice cream, raw shrimp and raw spinach.

The original AOAC-RI approval from June 2012 covered the use of the ANSR system to detect Salmonella in food matrices that included raw ground beef, raw ground turkey, chicken carcass rinse, hot dogs, oat cereal, and sponge or swab samples from stainless steel, plastic, ceramic tile, sealed concrete, and rubber environmental surfaces.

“Each time we receive a validation from an influential third party on any of our tests, it provides further assurance to our many customers that our tests perform as expected. We expect no less, and neither should our customers,” said Dr. Mark Mozola, Neogen’s vice president of research and development. “This matrix extension is in response to customer requests, as we continue to work with our customers to provide the best pathogen testing options available.”

The issuance of this certificate from the AOAC-RI independently confirms the performance of the assay as equivalent to that of the FDA or USDA reference methods for Salmonella detection in the stated matrices. The ANSR system uses an innovative isothermal DNA amplification process to amplify DNA to detectable levels and fluorescent molecular beacon technology for detection of the pathogen target. Combined with ANSR’s single enrichment step, Neogen’s new pathogen detection method can provide DNA-definitive results for Salmonella in as little as 10 hours from the time the sample is taken.

Unlike PCR-based methods, ANSR requires only a single reaction temperature, which completely eliminates the time-consuming heating and cooling cycles of older methods. The ANSR system’s small benchtop footprint and extremely simple test procedure make it an easy fit in any laboratory workflow.

To learn more about the ANSR system: www.neogen.com/ansr.

Neogen Corporation (Nasdaq: NEOG) develops and markets products dedicated to food and animal safety. The company’s Food Safety Division markets dehydrated culture media, and diagnostic test kits to detect foodborne bacteria, natural toxins, genetic modifications, food allergens, drug residues, plant diseases and sanitation concerns.

###