

3M Molecular Detection System Receives First AOAC Official Methods of Analysis Validation

3M Molecular Detection Assay for *Salmonella* is adopted as an official method by AOAC INTERNATIONAL

3M Food Safety announced today that its 3M™ Molecular Detection Assay *Salmonella* has been validated through AOAC INTERNATIONAL as a First Action Official Method of AnalysisSM (OMA method number 2013.09) for the detection of *Salmonella* in selected foods. A complete review of the study conducted for this AOAC-OMA validation will be published by the *Official Methods of Analysis of AOAC INTERNATIONAL*, online at <http://eoma.aoac.org/> and in an upcoming edition of its *Journal of AOAC INTERNATIONAL*.

3M's Molecular Detection Assay *Salmonella* was introduced in December 2011 at the same time as the 3M™ Molecular Detection System as a means to help food processors and other parties detect *Salmonella* and thereby help to prevent salmonellosis, which affects millions of people each year. It received certification from the AOAC-Research Institute as a Performance Tested MethodSM (PTM) in April 2012.

The Official Methods of Analysis (OMA), AOAC INTERNATIONAL's premier, internationally recognized program for chemical, microbial and molecular biological testing methods, consists of a multi-laboratory validation of the method, and review by an expert panel. Methods assigned AOAC-OMA Final Action status are used throughout the world by standards organizations who rely on OMA's reputation for rigorous scientific and systematic scrutiny.

"Food safety is increasingly recognized throughout the world as a crucial to human, social and economic development," said DeAnn Benesh, 3M Food Safety regulatory affairs specialist. "Our commitment to partnering with leaders in food and science to offer accurate, effective and easily implemented testing solutions is unwavering, and we're proud to have received this OMA First Action approval from the AOAC's distinguished review committee."

The 3M Molecular Detection System offers a unique, reliable and rapid qualitative method of pathogen detection in enriched food and feed, as well as food manufacturing environment samples. Developed with insights from customers around the world and representing multiple food industries, the system integrates two innovative technologies – isothermal DNA amplification and bioluminescence detection. Additional assay test kits are available for *E. coli*/O157 (including H7), *Listeria* and *Listeria monocytogenes*.

For more information on the AOAC-OMA approved 3M Molecular Detection Assay *Salmonella*, visit www.3M.com/3MMolecularDetectionSystem/SALAOAC

AOAC INTERNATIONAL is a worldwide provider and facilitator in the development, use and harmonization of validated analytical methods. AOAC methods are used globally to promote trade and to facilitate public health and public safety. AOAC has two programs by which methods are evaluated and approved. These programs are the AOAC OMA and PTM programs.

3M Food Safety is a leader of innovative solutions that help the food and beverage industries optimize the quality and safety of their products to enable consumer protection. At every step, 3M Food Safety provides solutions that help mitigate risk, improve operational efficiencies and impact the bottom line. For more information, visit www.3M.com/foodsafety/prcts or follow [@3M_FoodSafety](https://twitter.com/3M_FoodSafety) on Twitter.

About 3M

3M captures the spark of new ideas and transforms them into thousands of ingenious products. Our culture of

creative collaboration inspires a never-ending stream of powerful technologies that make life better. 3M is the innovation company that never stops inventing. With \$30 billion in sales, 3M employs 88,000 people worldwide and has operations in more than 70 countries. For more information, visit www.3M.com or follow [@3MNews](https://twitter.com/3MNews) on Twitter.

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