

Press Release

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DSM's Delvotest[®] T receives external validation for dairy antibiotic residue testing

DSM Food Specialties announces the successful validation of its testing tool, Delvotest[®] T, for determining up to 27 antibiotic residues in raw cow's milk and dairy ingredients, such as milk powders. The report, published by Taylor & Francis¹, reviews the test's ability to identify multiple antibiotic residues. Validation was performed by two independent facilities in Europe and Asia in accordance with the European Community Reference Laboratories (CRL) guidelines².

Delvotest T is a broad-spectrum test which identifies a variety of antibiotics at EU MRLs, with particularly high sensitivity for tetracyclines. In this validation study, Delvotest T was evaluated against five criteria, including the screening target concentration (STC) detection capability, false-positive (FP) and false-negative (FN) rates, robustness and cross-reactivity. The report states that "this multi-residue test was easy to use (no specialised analyst required), cost effective (no sample preparation), fast in terms of result delivery (3hrs 15mins) and robust since incubation temperature change and delay of reading did not impact the final result."

Ingrid Damen, Business Line Manager Food & Crop Protection at DSM Food Specialties comments: *"The presence of antibiotic residues in raw milk pose a significant risk to consumer health, including allergic reactions and antibiotic resistance. It is therefore vital that farmers, dairies and milk control laboratories take specific measures to determine the quality and safety of their milk. Delvotest T is a proven tool to help identify the antibiotic residues in cow's milk, and we welcome the results of this new validation study."*

The full report can be acquired here:

<http://www.tandfonline.com/doi/abs/10.1080/19440049.2015.1104731>

For more information about Delvotest T, visit www.delvotest.com

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¹ <http://www.tandfonline.com/doi/abs/10.1080/19440049.2015.1104731>

² Guidelines of 20 January 2010

DSM delivers innovative solutions that nourish, protect and improve performance in global markets such as food and dietary supplements, personal care, feed, medical devices, automotive, paints, electrical and electronics, life protection, alternative energy and bio-based materials. DSM and its associated companies deliver annual net sales of about €10 billion with approximately 25,000 employees. The company is listed on Euronext Amsterdam. More information can be found at www.dsm.com.

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