



Summary validation Delvotest® SP NT by Laboratories MUVA Kempten GmbH (Germany) and ARA Sardegna (Italy)

DSM Food Specialties B.V.

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TO WHOM IT MAY CONCERN

DSM commissioned an independent study executed by the following laboratories: MUVA Kempten and ARA Sardegna (Associazione Regionale Allevatori della Sardegna); which are ISO/IEC 17025 certified, with the aim to verify the limits of detection (LOD) of Delvotest® T in both ampoules and plates variants.

Delvotest® SP NT tests were used as qualitative screening methods for detecting antibiotic residues in milk. The test matrix was raw bovine milk with incubation at control time (CT). The test end-point was measured both visually and instrumentally with Delvo®Scan.

The sensitivity was tested by using blank and spiked samples at levels of interest.

As per requested, below is the sensitivity of Delvotest® SP NT, found by above-mentioned laboratories, with respect to the following substances:

Delvotest® SP NT	Sensitivity (ppb)		
	MRL	Amp.	Plates
Cefalonium hydrate	20	5	12
Nafcillin sodium sulfate	30	3	3

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on behalf of DSM Food Specialties B.V.

A handwritten signature in blue ink, appearing to read 'Bibi Duyvesteyn', with a horizontal line underneath.

Bibi Duyvesteyn
Business Line Manager - Delvotest®

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