



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

DSM Food Specialties B.V.

Alexander Fleminglaan 1  
2613 AX Delft  
P.O. Box 1  
2600 MA Delft  
Netherlands

phone +31(0)297 624619  
fax +31(0)297 624619

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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® SP NT and Delvotest® T in both ampoules and plates variants.

Delvotest® SP NT and Delvotest® T 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 and Delvotest® T, found by above mentioned laboratories, with respect to the following substances:

Delvotest® SP NT	Sensitivity (ppb)		
	MRL	Amp.	Plates
Antibiotic			
Penicillin V potassium salt	4	1	1

Delvotest® T	Sensitivity (ppb)		
	MRL	Amp.	Plates
Antibiotic			
Penicillin V potassium salt	4	1	0,5

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DSM Food Specialties B.V. | A. Fleminglaan 1 | 2613 AX Delft | The Netherlands | info.food@dsm.com | Trade Register Number 27235314



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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