



Product Specification Sheet

Delvotest[®] T

Last revision: 13 June 2019

Product Information

Description	<p>This product is a standard diffusion test for the detection of residues of antibacterial substances in milk samples. The test contains solid agar medium seeded with standardised number of spores of <i>Bacillus stearothermophilus var. calidolactis</i> together with required nutrients for growth purposes and antifolate trimethoprim. The medium is coloured purple by the pH indicator bromocresol purple.</p> <p>Milk samples which are free from antibacterial substances, or contain them below specified levels will, when added to the test at the level of 0.1 ml and incubated at 64°C, allow germination and growth of the bacteria. This will lead to a change in colour of the indicator. When the milk sample contains antibacterial substances at or above the test sensitivity, growth is inhibited and as a result the colour remains predominantly purple.</p>
Application	Antibiotic residue detection in milk.
Appearance	Ampoules
Status	The product is not a food-stuff or a food-contact material therefore Regulation (EC) No 1829/2003 of the European Parliament and of the Council (22 September 2003) on genetically modified food and feed is not applicable for this product.

Sensitivity

The limits of detection at control time (CT) are:

Antibiotics	Concentration	Observed colour
Penicillin G	1 ppb	Yellow to yellow/purple
	4 ppb	Purple
Sulfadiazine	100 ppb	Predominantly purple
Oxytetracycline	100 ppb	Predominantly purple

Control time (CT) is defined as the incubation time required for the colour of the test to change from purple to yellow with inhibitor free milk.

The test duration at control time (CT) reading is 3 hours +/- 15 minutes at 64°C +/- 2°C.

If no control time (CT) reading is applied, DSM advises fixed reading time (reading the test results without the reference of an inhibitor free milk). The fixed reading time is 3 hours and 15 minutes at 64°C +/- 2°C.



Infection Control

No microbial growth for 1 week at 30°C.

Regulatory information

Local legislation must always be consulted.

Packaging & Storage

Packaging	Product number 14545: 25 ampoules Product number 13301: 100 ampoules
Transport conditions	Transport condition statement available upon request.
Storage	Store upright in the original packaging, between 4 °C and 8 °C, protect from freezing.
Shelf life	Kept in the original packaging under the recommended storage condition, the product has an optimal shelf life of 12 months after the production date.

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