



# Technical Bulletin

DSM Food Specialties B.V.

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## Delvotest® T

### Sensitivity of the Delvotest® T

The table presented in this document is an indicative list of the sensitivity of the Delvotest® T at control time for the most used antibiotics in the world. This list is not exhaustive. The test is sensitive to many more antibiotic drugs and sulfonamides.

The best sensitivity is reached when using control time (CT). To test at control time, additionally to the milk you would like to test, perform one additional test with negative control milk, when the test containing the negative control milk turns yellow read the test result of the other milk. The sensitivity of the test when using a fixed reading incubation time (3hr15) can be somewhat decreased.

Antibiotic class	Antibiotic	MRL	CCB (ppb)	
			Ampoules	Plates
Penicillins	Amoxicillin	4	4	4
	Ampicillin	4	4	3
	Penicillin G	4	1-2	1-2
	Cloxacillin	30	6	5
	Oxacillin	30	30	30
Tetracyclines	Oxytetracycline	100	100	80
	Chlortetracycline	100	150	152
	Tetracycline	100	70	75
	Doxycycline	(0)	50	40
Sulfonamides	Sulfamethazine	100	135	150
	Sulfathiazole	100	40	30
	Sulfadimethoxine	100	40	40
	Sulfadiazine	100	40-100	50
Macrolides	Tilmicosin	50	60	60
	Tylosin	50	35	35
	Erythromycin	40	160	150

Antibiotic class	Antibiotic	MRL	CCB (ppb)	
			Ampoules	Plates
Aminoglycosidases	Neomycin	1500	60	110
	Gentamycin	100	65	80
	Kanamycin	150	1010	1310
	Streptomycin	200	400	400
	DH Streptomycin	200	800	800
Cephalosporins	Spectinomycin	200	2010	1850
	Cephapirin	60	6	5
	Ceftiofur (pur)*	100	20	20
	Cefoperazone	50	40	40
Others	Cefalexin	100	30	20
	Cefquinome	20	40	40
	Lincomycin	150	220	180
	Chloramphenicol	(0)	4100	3080
	Trimethoprim	50	110	130
	Rifamixin	60	40	30
	Dapson	0	30	35

\*Ceftiofur with metabolites has a detection limit about 4 times higher.

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