

Test	Sample	Antibiotic Type	Nominal Concentration (ppb)	Result	Expected
ACTALIA CECALAIT - Proficiency Testing Detection of Antibiotics in Milk – February 2026	1	Ampicillin (β -lactam)	6	Positive (β -lactams)	Positive
	2	Tetracycline (Tetracycline)	150	Positive (Tetracycline)	Positive
	3	Negative	-	Negative	Negative
	4	Tetracycline (Tetracycline)	100	Positive (Tetracycline)	Positive
	5	Ampicillin (β -lactam)	4	Positive (β -lactams)	Positive
	6	Penicillin (β -lactam)	4	Positive (β -lactams)	Positive
	7	Cefoperazone (β -lactam)	75	Positive (β -lactams)	Negative
	8	Cefoperazone (β -lactam)	50	Positive (β -lactams)	Positive
	9	Negative	-	Negative	Negative
	10	Penicillin (β -lactam)	6	Positive (β -lactams)	Positive

QSE Development Food Analytics Distribution Consulting Quality Assurance - 18 th Inhibitor Iyo. Proficiency Test - November 2025	1 (2 samples)	Cloxacillin	30	Positive	Positive
	2 (2 samples)	Ampicillin	4	Positive	Positive
	3 (2 samples)	Penicillin G	4	Positive	Positive
	4 (2 samples)	Cephapirin	60	Positive	Positive
	5 (7 samples)	Inhibitor-free milk	-	Negative	Negative
ACTALIA CECALAIT - Proficiency Testing Detection of Antibiotics in Milk - November 2025	1	Amoxicillin (β - lactam)	6	Positive (β - lactams)	Positive
	2	Cephalexin (β - lactam)	150	Positive (cephalex in)	Positive
	3	Penicillin (β - lactam)	4	Positive (β - lactams)	Positive
	4	Amoxicillin (β - lactam)	4	Positive (β - lactams)	Positive
	5	Cephalexin (β - lactam)	100	Positive (cephalex in)	Positive

	6	Penicillin (β -lactam)	6	Positive (β -lactams)	Negative
	7	Tetracycline (Tetracycline)	150	Positive (Tetracycline)	Positive
	8	Negative	-	Negative	Negative
	9	Tetracycline (Tetracycline)	100	Positive (Tetracycline)	Positive
	10	Negative	-	Negative	Negative