

Quality Control of ESL Milk

1 Media:

- BiMedia 001B (General Impedance Medium)

2 Sample Preparation:

After homogenising the ESL milk by shaking, the sample can be used directly.

3 BacTrac-Settings:

Temperature:	37°C
Duration:	24 hours
Interval time:	10 min
Delay time:	1 hour
Evaluation type:	X (= M or E)
Scale:	M-value: -5 to 30%
	E-value: -5 to 50%
Threshold(s):	M-value: 5%
	E-value: 10%

- Analysis of 10 ml ESL milk (recommended for thermic treatment)

Inoculate the measuring cell (5 ml sterile BiMedia 001B 3x concentrated) with 10 ml homogenised sample. Pre-filled measuring cells (Cat.No. 41-440015) can be used.

- Analysis of 1 ml ESL milk (recommended for filtration treatment)

Inoculate the measuring cell (9 ml sterile BiMedia 001B) with 1 ml homogenised sample. Pre-filled measuring cells (Cat.No. 41-440015) can be used.

4 Calibration:

At the moment there is no calibration available for this application.

5 Optional:

If a lower detection limit than 1 CFU / 10 ml from direct analysis is required the sample has to be pre-enriched in the unopened original packaging over night at 25-30°C before analysing.

For detection of gram-negative recontaminations see Quick Protocol V2.01.3.