

TOTAL VIABLE COUNT CONTROL SHEET

CBT-L01

SCQ CBT-L01 (37) 17.09

ANALYTICAL METHOD				Detection of aerobic or microaerophilic mesophilic microorganisms which are able to grow on complete media.							
MBS - MICRO BIOLOGICAL SURVEY											
INCUBATION TEMPERATURE	COLOR OF ANALYSIS AT START			COLOR OF ANALYSIS AT END	POSITIVE			NEGATIVE			
37 °C											
CONTAMINATION [CFU/g] [CFU/ml] [CFU/100cm ²]		10 ⁸	10 ⁷	10 ⁶	10 ⁵	10 ⁴	10 ³	10 ²	10	1	0
TIME OF COLOR CHANGE [hour.minutes]	Water	4.30	9.00	13.30	18.15	22.45	27.20	32.00	36.20	40.00	40.00
	Meat	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00
	Fish	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00
	Dairy product	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00
	Vegetables	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00
	Other	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00
	Surfaces	< 3.00	3.20	5.30	8.20	10.30	13.20	15.30	18.20	21.00	24.00

QUANTITATIVE ANALYSIS

According to main standards and EU Regulations.

TYPE OF SAMPLE	U.M.	LIMIT OF ACCEPTABILITY	TIME OF OBSERVATION [hours.minutes]
WATER			
Water for human consumption	CFU/ml	10	36.20
Water for human consumption placed in bottles or containers	CFU/ml	20	35.00
Swimming pool water - input	CFU/ml	10	36.20
Swimming pool water - tank	CFU/ml	10 ²	32.00

Royal Biotech - Bettinastraße 30, 60325 Frankfurt am Main, Germany
Tel. +49 30 80935155 - Fax +49 30 81878604 - www.royalbiotech.com - info@royalbiotech.com