



STUDY REPORT

RESULTS OF THE MICROBIOLOGICAL CULTURES NR.01.136

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Translation of Bactimm Report nr. 01.136

Sample: BioClin Multi-Mam Compress gel, T.T.T¹/ test 1

Received: 27-01-00

Test date: 31-01-00

- **Requested test:** germ reducing capacity
- **Applied test method:** NEN-EN 1500: Chemical disinfectants and anti-septics Hygienic handrub-test method and requirements (adapted).

The adaptations are that instead of the prescribed test strain (E. coli) with a density of 2.0×10^8 cfu/ml the here reported 4 test strains were used with the indicated densities.

Test results:

Test strain	number kve per finger Before rubbing with BioClin M-M Compress gel	number of kve after rubbing with BioClin M-M Compress gel
1. Staphylococcus aureus	1.2×10^3	0
2. Beta-hemolytic streptococcus group B: Strept. Agalactiae	1.0×10^3	0
3. Escherichia coli	1.5×10^3	0
4. Listeria monocytogenes	1.0×10^3	0

Discussion: the 4 test strains are selected because they all can cause life threatening infections in newborn. Lactating mothers can be infected with these bacteria in numbers of no more than $\pm 1.0 \times 10^2$ per print plate. The used numbers have been chosen 1 log unity greater on purpose to simulate a worst-worst condition.

Two grams of M-M Compress gel was rubbed over 10 fingers (0.2 gr. Per finger) until dry. This lasted ± 2 minutes. Then we cultured again immediately.

Conclusion: BioClin M-M Compress gel kills the indicated test strains in the described test method.

References: NEN-EN 1500
ISO 4833

¹ BioClin T.T.T = Tip Top Tepel = Multi-Mam gel