

**Subject: In-Vitro test of disinfecting capacity of SFBL.R**

**Report No.35464**

**1. The purpose of the study**

The test sample was a yellowish solution (Deep Clean) labeled + Green solution (Rinse Action) 1:1 ratios (SFBL.R solution).

The purpose of testing was to check the resistance of a variety of bacteria and yeasts to the SFBL.R solution:

The tested microorganisms were:

**Bacteria:**

E. coli

Pseudomonas aeruginosa

Staphylococcus aureus

Streptococcus faecalis

**Yeasts:**

Candida albicans

Saccharomyces cerevisiae

**2. Test procedure:**

- 2.1 Microorganisms were suspended separately in a phosphate buffer saline, pH 7.2, to contain about 1000000 units/40 microliter.
- 2.2 Test tubes was prepared for each microorganism one containing 4.5 ml buffer (for positive control) and a 3 others for the dishwasher.
- 2.3 Aliquots of 40 microliter of each suspension was added to each test tubes.
- 2.4 Operations repeated in the dishwasher for 30 sec 60 sec and 2 min.
- 2.5 Immediately after the time ended, it was poured into petri dishes.
- 2.6 The petri dishes was incubate at 30°C
- 2.7 At the end of incubation each plate was examined for the presence of colonies.

- System Laboratories is authorized by the Israel Laboratory Accreditation Authority.
- This certificate is for the costumer use only. Do not use this file, or company name or one of her employees name for commercial or publicity uses without written permission of the lab.
- The report refers only to tested or calibrated subject.
- This report can be copied only in its entire form and only with signed acceptance by the laboratory manager.

**3. Results:**

	Contat time					
	30 sec		60 sec		120 sec	
	Test	Control	Test	Control	Test	Control
Pseudomonas aeruginosa	*	**	*	**	*	**
Staphylococcus aureus	*	**	*	**	*	**
Streptococcus faecalis	*	**	*	**	*	**
E. coli	*	**	*	**	*	**
Candida albicans	*	**	*	**	*	**
Saccharomyces cerevisiae	*	**	*	**	*	**

\*Absence of colonies    \*\*Presence of colonies

Independent on the contact time between the microorganisms and the tested solution, in all cases microorganisms growth was observed only in the control test tube, while in all test cases when the SFBL.R 0.5% solution was present no bacterial growth was observed.

**4. Conclusion:**

The disinfecting ability of the SFBL.R 0.5% solution is excellent in the working conditions evaluated.

- The sampling was done by the customer.
- Terms of maintaining and transporting the sample/s: ambient temperature.
- The laboratory is not authorized to give an opinion and / or interpretation of test results.

Approved by: Dr. S. Sigawi - Laboratory Manager

Date of Approval: 06.04.2020

Signature: \_\_\_\_\_



\*\*\*\*\*End of the report/ test report \*\*\*\*\*

- System Laboratories is authorized by the Israel Laboratory Accreditation Authority.
- This certificate is for the costumer use only. Do not use this file, or company name or one of her employees name for commercial or publicity uses without written permission of the lab.
- The report refers only to tested or calibrated subject.
- This report can be copied only in its entire form and only with signed acceptance by the laboratory manager.