

Date of Receiving: January 07,2021
Date of Testing: Januarv 13.2021 **Test No.:** 368680
Company Name: Sonovia **Code:** _____
Address: Ramat Gan Habonim 1
Contact: Liath Goldhammer-Steinberg
Sample: Sono Mask
Batch No.: Aug20.048.35
Test Report Version No.: 1



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Microbiological Analysis

Method: Disinfection efficacy with fabric copouns and *P.acnes*

Procedure: The fabric copouns were sterilized by Autoclave (121⁰C 15minutes then dried for 15 minutes). The Positive Control (PC; fabric without Zn) and the Test (fabric with Zn) were inoculated with 100μl from the *P.acnes* culture (10⁸CFU/ml). Exposure time of 5 hours in anaerobic conditions at 33-37°C was followed by extraction of the microorganism using the stomacher technique with 100ml of Saline solution. The extraction was diluted and filtered on TSA+Sheep blood (TSBA) plate to reach a readable count. TSBA plates were incubated at 33-37°C in anaerobic condition for 4 days. The PC and Test were conducted in duplicates.

For Negative Control, same procedure as above without the inoculation step for each sample. Done in duplicates.

Results:

Microorganism	Coupon	Initial inoculation (CFU*)	Contact Time (hours)	Results (CFU*)	Log Reduction [Log(PC)-Log(Test)]
<i>P.acnes</i>	PC(withot Zn)	2.19*10 ⁸	5	4.75*10 ⁷	7.68
	Test (with Zn)			0	

*Colony Forming Units (CFU)

Negative control: Growth / No Growth NR

Positive control: Growth / No Growth NR

*All media were checked for sterility and for performance before using, and the results were registered in the Quality Control computerized system..

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 Validation team leader
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Date: 19-01-2021

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