

Supplementary Table 2 RESEP validation: recovery of viable microorganisms in RESEP-treated and untreated

Strain	Microbial count (CFU)			Acceptability criteria*
	Initial amount	UNTREATED	TREATED	
<i>Candida albicans</i> ATCC 10231	72 ± 3	76 ± 3	65 ± 3	compliance
<i>Aspergillus brasiliensis</i> ATCC 16404	64 ± 2	89 ± 3	79 ± 2	compliance
<i>Staphylococcus aureus</i> ATCC 6538	85 ± 1	101 ± 5	92 ± 2	compliance
<i>Bacillus subtilis spizizenii</i> ATCC 6633	75 ± 5	76 ± 4	74 ± 5	compliance
<i>Enterococcus faecalis</i> ATCC 29212	47 ± 8	54 ± 4	37 ± 7	compliance
<i>Pseudomonas aeruginosa</i> ATCC 9027	23 ± 1	20 ± 2	10 ± 0	compliance
<i>Klebsiella pneumoniae</i> ATCC 10031	67 ± 3	66 ± 4	59 ± 3	compliance
<i>Enterobacter cloacae</i> ATCC 35030	34 ± 2	28 ± 4	24 ± 2	compliance

The total microbial counts in the Initial amount, UNTREATED, and TREATED samples are reported as mean ± SEM.

*The acceptability criteria included the following: 1) inoculation of 10–100 CFU in each sample and 2) recovery of total CFU for each strain after RESEP treatment in the range of 10-100 CFU.