



Zist Mahsool Persian Lab
Microbiology & Probiotic Food Stuff Technical Lab
Accredited by the Ministry of Health

Date: 2023/02/22

No. 1401-P-601

The date of the test report	The date of commencement of the experiments	Temperature	Reference	Sizes of specimens
2023/02/22	2023/02/05	37 c°	ISIRI 10900 ISO 22196	(50 ± 2) mm × (50 ± 2) mm
Company's names / Specimen		Iranian Bobares esperlos / Rubber and silicone air seals for modular walls of clean rooms		
Species of bacteria		<i>Escherichia coli</i>	<i>Staphylococcus aureus</i>	
Strain		ATCC 8739	ATCC6538	
The number of viable bacteria (CFU/ml)		2.8×10 ⁶	2.2×10 ⁶	
The logarithmic value of the number of viable bacteria recovered immediately after inoculation from the untreated test specimens shall satisfy the following requiremen (CFU/cm ²) (L _{max} - L _{min})/(L _{mean}) ≤ 0.2		0.13	0.13	
U. the average of the common logarithm of the number of viable bacteria, in cells/cm ² , recovered from the untreated test specimens immediately after inoculation (CFU/cm ²)		4.35	4.32	
U _t the average of the common logarithm of the number of viable bacteria, in cells/cm ² , recovered from the untreated test specimens after 24 h (CFU/cm ²)		4.46	4.48	
A _t the average of the common logarithm of the number of viable bacteria, in cells/cm ² , recovered from the treated test specimens after 24 h (CFU/cm ²)		2.18	2.28	
R antibacterial activity R=(U _t -U.)-(A _t -U.)= U _t -A _t		2.27	2.20	
According to ISIRI 10900 (ISO 22196) the specimen is accepted. The sample tested is approved for the considered bacteria.				

The head of laboratory
 Azarnoosh-Ghiyasvand



www.zistmahsool.ir

Post code : 17518716513
 Tel : +9821-88968912, 88677463

Adress : Unit 4, No.1, Separ Alley, Shahidi St., Jahan Koodak Crossroad, Vanak Sq., Tehran, Iran