

# Shellty CERTIFICATION MANUAL





### Index

About IHCare - Innovation Hospital Care	3
Shellty	4
Main Characteristics	4
Supply chain	4
Certifications	5
Citeve - Wash resistance assays	5
Summary	12
Equilibrium - Lab Certification	13
Latest Tests	15
Attachments	17



#### About IHCare - Innovation Hospital Care

IHCare is certified by the National Innovation Agency (ANI) with suitability recognition in the areas of research and development within the healthcare domain. (*see Attachments*) The company is driven by three fundamental principles: research, development, and implementation of technological solutions, with an emphasis on saving resources for the maximization of time and money of health units.

Our mission is to significantly improve patient comfort and well-being by providing effective means to combat cross-infection with overall clinical, human, and financial improvements.

With this in mind, we came up with an innovative bedsheet, Shellty, that is placed over the mattress and can substitute the mattress cover, mattress protector, and bottom sheet. This manual is a compilation of all the certifications that Shellty has, as well as a summarized analysis of the results that allowed our certification partners to grant us certification.



#### Shellty

#### Main Characteristics

Shellty Bedding is a high-tech textile lining with a 100% polyester (PES) interlock composition. Its hydrophobic, biocompatible, antiviral, and antibacterial characteristics allow for a highly impermeable and breathable material that aims to replace the conventional sheets used in the care of bedridden patients, reducing the time and effort spent in the care of these patients.

#### Supply chain

<u>Coltec</u> is responsible for the production of the textile lining and the interior membrane that composes the Shellty products, and also for the impregnation of the textile with the repellent and anti-bacterial solution. The following data constitute Shellty's technical chart, provided by Coltec, regarding the mesh used for the textile lining.

As stated before, the textile lining is made out of a membrane composed of a thermoplastic polyurethane resin film, about 20  $\mu$ m thick and white, with the following properties:

	Performance Properties							
Properties	Método	Units	Values					
Water column	EN ISO 20811	m	>10					
Melting point	ISO 11357	٥C	≃175∘C					
Density	DIN 53243	g/mm3	≃1,26					

Coltec is also responsible for the production of the textile substrate in the loom. This textile is completely made of polyester, with an interlock structure, weighing about  $130g/m^2$ , 1,60m wide, and white. Once the textile lining is made, it is then impregnated with 2 different solutions, made by Rudolf Chemicals, one is responsible for the water-repellent finishing while the other is responsible for the bioactive properties.

Once this process is complete, the membrane and the textile substrate are laminated together forming a textile lining with all the characteristics described above.

This lining is then sent to <u>Scoop</u>, who is responsible for transforming the textile into individual, finished products like pillowcases and sheets in various sizes.



#### **Certifications**

Our certification partners, *Equilibrium* and *CITEVE*, have thoroughly tested the characteristics described above in their laboratories.

Both labs will renew these tests every 6 months to ensure all characteristics remain unaltered, and our product maintains its high performance. Both labs have also presented their results with an expanded uncertainty that was calculated by multiplying the padron uncertainty by the expansion factor (K=2), which gives the results a trust level of 95%.

#### <u>Citeve - Wash resistance assays</u>

<u>CITEVE</u>, the lab department of the Portuguese Centre for the Textile and Clothing Industries, tested Shellty Bedding using a provided sample of our product, according to the requirements of EN 13795-1 and EN 13795-2 (Medical Devices norm), resulting in the following results (pertaining to the period of March - June 2023).

If you prefer to see the official report forwarded by CITEVE to IHCare, you can do so in the *Attachment*s.

The sample provided was divided into 3 sections: sample 1763/2023 was kept in its original state and tested as thus; sample 3077/2023 was tested after being put through 70 industrial wash cycles; and finally, sample 3078/2023 was tested after going through 70 domestic wash cycles.



Below you can find the results (per assay per sample) of each assay:

#### → EN ISO 9073-10:2004 - Dry release of particles:

The particle release coefficient never exceeded the maximum value requirement of 4,0, for any of the samples. The samples that had gone through wash cycles had an even smaller coefficient when compared to the original sample. The results indicate that all samples comply with the requirements for EN 13795-1/2:2019, regarding norm ISO 9073-10:2004.

ESSAY GI	Roup Requested: <b>EN 13</b>	795-1/2:2019		DE PARTÍCUL/ SO 9073-10:200		
			Particle	e release coeffi	cient	
Sample Number	Reference	Max	Min	Median	Upper quartile	Requirement value
1763/2023	001	3,8	3,0	3,4	3,6	
3077/2023	001	3,0	2,1	2,8	2,9	max 4,0
3078 /2023	001	1,6	0,9	1,2	1,4	
	Essi	ay characteristics				
	Particle Counter Technology	Particle Size	Relative expanded uncertainty (K=2)			
	diode laser (spherical)	3 a 25µ	16%			

#### → EN ISO 811:2018 - Resistance to water penetration:

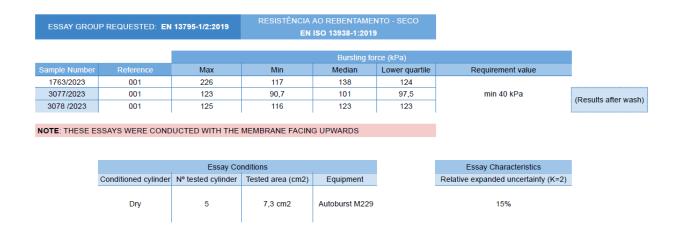
The resistance value was always higher than 100 cm  $H_2O$  for all samples regardless of washing cycles, for all 5 tests performed on each sample. These results meet all requirements of EN 13795-1/2:2019, regarding norm ISO 811:2018, for both scrubs and protective equipment, standard and high performance, and different critical areas.

ES	SAY GROUP REQUESTED: EN 13795-1/2:2019			R	ESISTÊNCIA À PENETRAÇÃ En ISO 811:2018	O DE ÁGUA		
				Res	istance values (cm H2O)			
	Sample Number	Reference	Individual value	Median	Lower quartile	Requirement value		
	1763/2023	001	>100 [1]					
	3077/2023	001	>100	>100	>100	(See table to the right)	(Results after wash)	
	3078 /2023	001	>100	>100	>100		(results after wash)	
	-							
Manuala		crubs		blas		e equipment		
Critical area	erformance Less critical area	High perforr Critical area	Less critical area	Critical area	mal performance Less critical area	High perfor Critical area	Less critical area	Relative expanded uncertainty (K=2)
Cilical alea	Less chucai alea	Cilical alea	Less critical area	Critical alea	Less citucal alea	Cilical alea	Less childar area	
miin 20 cm H2O	min 10 cm H2O	min 100 cm H2O	min 10 cm H2O	min 30 cm H2O	min 10 cm H2O	min 100 cm H2O	min 10 cm H2O	19%
	Essay Conditions							
	Nº tested cylinder	Water temperature (°C)	Water pressure	Face tested	Pressure increase velocity	Condicioned environment		
	5	20°C	Under the cylinder	Right side	10 cm H2O/min	20+/-2°C & 65+/-4% H.R.	-	



#### → EN ISO 13938-1:2019 - Bursting resistance when dry:

For this norm, the minimum requirement value of the bursting force is 40 kPa. All samples, regardless of the washing procedure, achieved a value well over the minimum. In fact, in all trials, for all 3 samples, this value was over 90 kPa, easily meeting the requirements of EN 13795-1/2:2019.



#### → EN ISO 13938-1:2019 - Bursting resistance when wet:

In this assay, the minimum requirement value of the bursting force is the same as the last one (40 kPa). Once again, all samples scored higher bursting force values than required. However, these values were overall lower than their dry test counterparts, which was even more noticeable in the previously washed samples. Even so, all values were over 50 kPa meeting the requirements for EN 13795-1/2:2019 regarding EN ISO 13938-1:2019.

ESSAY GROUP	REQUESTED:	EN 13795-1/2:2019		O REBENTAMEN I ISO 13938-1:20	NTO - MOLHADO 1 <b>19</b>			
			В	ursting force (kPa	a)			
Sample Number	Reference	Max	Min	Median	Lower quartile	Requirement value		
1763/2023	001	113	82,2	95,8	95,8			
3077/2023	001	86,2	70,2	76,6	70,2	min 40 kPa	(Results after wash)	
3078 /2023	001	93,7	51,1	75,1	65,5		(Results aller wash)	
NOTE: THESE E	ESSAYS WERE	CONDUCTED WITH			RDS			
			Essay conditions					
nditioned cylind		Steeping Condition:		l <sup>o</sup> tested cylinder	Tested area (cm2)	Equipment		Essay Characteristics
iana official official	mmersion solutio	o/ater temperature (%	Immersion time (h)	i tootou oyiindon		Equipment		Relative expanded uncertainty (K
Wet	ater & 1g/L non-io	c 20°C	1h	5	7,3 cm2	Autoburst M229		15%



#### → EN 29073-3:1992 - Resistance to rupture and elongation when dry:

For this norm, there are specific strength requirements for either scrubs or protective equipment, both having between 15N and 20N as a minimum requirement in all instances. The samples' resistance was tested both longitudinally and transversally, achieving values over 300N for all samples in both directions, ensuring that the requirements for EN 13795-1/2:2019 are met where it concerns norm EN 29073-3:1992.

ESSAY GROUP	REQUESTED:	EN 13795-1/2:201	9 RESISTÊNCIA	À ROTURA E AL En 29073-3:1	ONGAMENTO - SECO 992					
						Stren	gth (N)			
			Lon	gitudinal			Tra	insversal		Requirement value
Sample Number	Reference	Max	Min	Median	Lower quartile	Max	Min	Median	Lower quartile	Requirement value
1763/2023	001	773	646	677	654	380	348	367	349	
3077/2023	001	742	681	701	696	382	331	351	345	(See table to the right)
3078 /2023	001	569	433	511	482	371	302	330	327	1
lote: for sample	s 3077/2023 ar	nd 3078/2023 the g	Table of	requirements	mouth in both directions					
		Scrubs Protective Equipment e expanded uncertainty			Essay	conditions				
		2010000	ormal performan	High performance			Conditioned cylinder	Conditioned environment		
		min 20 N	min 15 N	min 20 N	13%		Dry	20+/-2°C e 65+/-4% H.R.		

#### → EN 29073-3:1992 - Resistance to rupture and elongation when wet:

The wet test for norm EN 29073-3:1992 had the same requirements as the dry test (between 15N and 20N). In this assay the samples were also tested longitudinally and transversally, achieving in all 3 cases values over 300N regardless of direction. As such, concerning assay EN 29073-3:1992, the requirements were once again met for EN 13795-1/2:2019.

ESSAY GR	OUP REQUESTED: EN	QUESTED: EN 13795-1/2:2019 RESISTÊNCIA À ROTURA E ALONGAMENTO - MOLHAD EN 29073-3:1992									
				s	trength (N)						
			Longitudinal	Longitudinal							
ample umber	Reference	Max	Min	Median	Bottom quartile	Max	Min	Median	Bottom quartile	Requirement value	
63/2023	001	747	688	719	711	378	339	364	348		
77/2023	001	770	650	700	690	400	360	370	370	(See table below)	(Result
78 /2023	001	726	611	703	673	307	374	330	329	]	(rtesuit
			Table of requireme Protective Equipme		Relative expanded						
						1					
		Scrubs	Protective Equipme Normal performance	nt High performance	Relative expanded uncertainty (K=2)						
		Scrubs min 20 N	Protective Equipme Normal performance min 15 N	nt							
			Protective Equipme Normal performance	nt High performance	uncertainty (K=2)						
			Protective Equipme Normal performance min 15 N	nt High performance min 20 N	uncertainty (K=2)						
	Conditioned beaker		Protective Equipme Normal performance min 15 N Essay conditions	nt High performance	uncertainty (K=2)						



#### → ISO 22610: 2006 - Resistance to bacterial penetration when wet:

This assay was only conducted for the sample in its original state. The barrier index for this assay is considered standard when it's over or equal to 2,8 and high performance when it's 6,0. The lowest index value of all trials was 5,3, with an average of 5,9, showing an incredibly high standard value, meeting the requirements of EN 13795-1:2019, regarding ISO 22610: 2006.

LOSAT GROUP REG	UESTED: EN 13795-1/2:2019		ISO 22610 : 2006							
Note. this essay was	only conducted for sample 176	3/2023				Colo	ny count (per rep	olica, per	trial) (CFU	
				Sample tested	X1	X2	X3	X4	X5	Z
Essay Conditions (El	N 13795-1:2019)			Trial 1	7	7	6	0	3	654
Barrier index	Standard performance	>/= 2,8		Trial 2	5	3	2	2	4	769
Damerindex	High performance	6,0		Trial 3	46	48	54	56	50	877
				Trial 4	9	8	10	3	1	970
Staphylococcus aureu	us (ATCC 29213)			Trial 5	19	10	4	7	7	950
Innoculum Conc. (UF	C/mL)	10 000 a 40 000								
Transference membra	ane	PU membrane v	/ith 30 μm diameter				Expanded			
Nº tested samples		5		Sample tested	Per replica	Average value	uncertainty (K=2)			
Sample size (cm)		25 x 25		Trial 1	5,9					
Distance from agar to	hedge of plate (mm)	3 +/- 0,2		Trial 2	5,9					
Temperature (°C)		22°C		Trial 3	5,3	5,9	1,0			
Relative humidity (%)		41%		Trial 4	5,9					
				Trial 5	5,8	T I				
Performance monitori	ing:									
Graphite paper - pres	ence of padron throughout the	plate								
Reference material (	CLIME 0.7 0.06)									

#### → ISO 22612:2005 - Resistance to bacterial penetration when dry

This assay was also only conducted for the original sample. The requirements for this norm are different for EN 13795-1:2019 and EN 13795-2:2019. For EN 13795-1:2019, the upper quartile should have 300 CFU or less; for EN 13795-2:2019, the upper quartile should be 100 CFU or less for a standard performance and 50 CFU or less for a high performance. In our trials, the colony units in the upper quartile were 1 CFU. As such, our sample meets the requirements of both EN 13795-1:2019 and EN 13795-2:2019.

ESSAY GROUP	REQUESTED: EN 1	3795-1/2-2019	RESISTÊNCIA A	N PENETRAÇÃO	BACTERIANA A		
L33AI OROOI	REQUESTED. EN I	0130-112.2013		ISO 226	612:2005		
Note. this essay wa	as only conducted for	sample 1763/20	23				
,,,,	ie enig eenaaetea tet	campio in collo					
Bacillus subtilis spo	ores (ATCC 9372)						
Talc conc. (CFU/g)			10^8		Essay conditions		
Side exposed to inoculum giver			Interior		EN 1379	5-1:2019	Uq = 300<br CFU
Graduated cylinders tested			10		EN	Standart performance	Uq = 100<br CFU
Average mass of contaminated talc per cylinder (g)		0,5+/-0,1		13795-2:2019	High performance	Uq = 50 CFI</td	
Graduated cylinder	Graduated cylinder size						
Graduated cylinder	sterilization method		N/A				
Vibration time (min	)		30				
Vibration frequency	r (vib/min)		20 800				
Relative humidity (	%)		65 +/- 5 %				
Temperature (°C)			20 +/- 2 °C				
				Colony units			
	ylinder tested Individual values (CFU)		Average (CFU)	Median (Md) (CFU)	Upper quartile (Uq) (CFU)	Expanded uncertainty (K=2)	
1% 7%	1	0					T
2º/ 8º	1	1					
3% 9%	1	0	1	1	1	7	
4% 10°	0	1	'	1	1	1	
5% 11°	1	2					
6% 12°	0	0					Control group

www.ihcarehealth.com | +351 911 544 950 | main@ihcare.pt



#### → ISO 11737-1:2018 (EN 13795) - Microbiologic control (Bioburden):

This assay was also performed only for the sample without wash cycles. Similarly to the previous one, the minimal requirements for the norm are divided between EN 13795-1:2019 and EN 13795-2:2019. For EN 13795-1:2019 the upper quartile must have a maximum of 300 CFU/ 100 cm<sup>2</sup> and for EN 13795-2:2019 the upper quartile must have a maximum of 100 CFU/ 100 cm<sup>2</sup>. Our sample scored a total of 92 CFU/  $100 \text{ cm}^2$  in its upper quartile, meeting the requirements for both assays (EN 13795-1:2019 and EN 13795-2:2019).

ESSAY GROUP	REQUESTED: EN	13795-1/2:2019	CON	CONTROLO MICROBIOLÓGICO (BIOBURDEN) ISO 11737-1:2018 (EN 13795)				
Note. this essay w	was only conducted	for sample 1763/2	2023					
		Total removed mic	croorganisms (CF	U/ 100cm2)	Minimall requirements f	or upper quartile		
Essay number	Individual value	Median value	Upper quartile	Expanded Uncertainty (K=2)	EN 13795-1: 2019	EN 13795-2: 2019		
1º Trial	50							
2º Trial	52							
3º Trial	106	52	92	4	max 300 CFU/100 cm2	max 100 CFU/100 cm2		
4º Trial	92							
5º Trial	52	ſ						

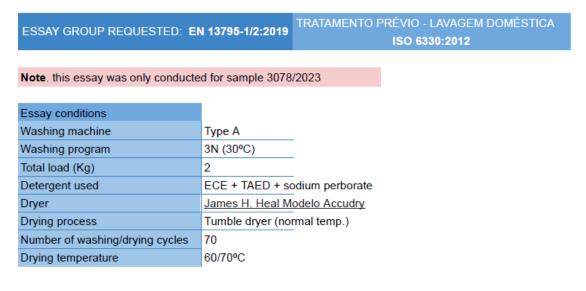
→ EN ISO 15797:2018 - Previous treatment - industrial wash and finishing: EN ISO 15797:2018 was only performed for sample 3077/2023, the sample representing 70 cycles of industrial washes. The norm merely describes the washing and finishing procedure of industrial wash cycles.

ESSAY GROUP REQUESTED:	EN 13795-1/2:2019	TRATAMENTO PRÉVIO - LAVAGEM E ACABAMENTO INDUSTRIA EN ISO 15797:2018
Note. this essay was only conduc	cted for sample 3077	7/2023
Essay conditions		
Washing machine	Electrolux W4240H	
Washing program	Table 1, reduced lo	ad, 30°C
Total load (kg)	13	•
Detergent used	Name-brand refere	nce detergent without whitener
Drying method	A - tumble dryer	•
Dryer	Electrolux T5675	•
Number of washing/drying cyles	70	
Drying temperature	60/70°C	



#### → ISO 6330:2012 - Previous treatment - domestic wash

Similarly to EN ISO 15797:2018, this norm (ISO 6330:2012) was only applied to sample 3078/2023, which represents our product after 70 domestic wash cycles.



#### → ISO 4920:2012 - Resistance to surface wetting (Shower test)

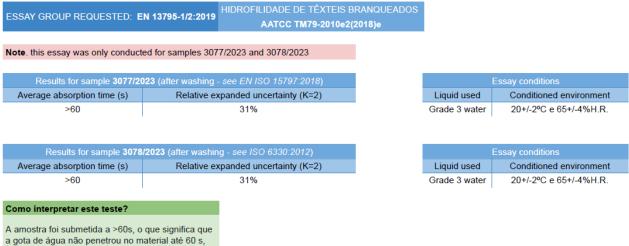
This assay was only conducted for the samples that had been previously washed (3077/2023 and 3078/2023). Sample 3077/2023 was ironed at 150°C before this assay. Both samples had the same assay conditions; and got a 5 on the classification scale of ISO 4920, which is the highest possible classification and means the samples had no water adherence to their surface. EN 13795-1:2019 and EN 13795-2:2019 have no requirements for this assay.

ESSAY GROUP REQUE	STED: EN 13795-1/2:2019	RESISTÊNCIA À MOLHAGEM SUPERFICIA ISO 4920:20	
		150 4920.20	12
Note this essay was on	y conducted for samples 307	7/2023 and 3078/2023	
note: this essay has on	y conducted for sumples out	1/2020 and 0010/2020	
Note: for sample 3077/20	023 this essay was conducte	d after performing essay EN ISO 15797:2018	(washing) and ironing the sample at 15
Essay conditions f	or sample 3077/2023	Results after washing (see	EN ISO 15797:2018)
Water temperature (°C)	Conditioned environment		ISO 5
20±2°C	20+/-2°C e 65+/-4% H.R.	Individual values	ISO 5
			ISO 5
Essay conditions f	or sample 3078/2023	Results after washing (see	EN ISO 6330-2012 )
Water temperature (°C)	Conditioned environment	results alter washing (see	ISO 5
20±2°C	20+/-2°C e 65+/-4% H.R	Individual values	ISO 5
			ISO 5
Como interpretar este t	teste?		
	test (ISO 4920) segundo a		
que quando a amostra it	bteve um 5, isto significa		
mesma não "molhou" ne			
nesma não "molhou" ne	obteve um 5, isto significa pi submetida a ensaio a		



#### → AATCC TM79-2010e2(2018)e - Hidrophilicity of whitened textiles

Once again, this easy was conducted only for the previously washed samples (3077/2023 and 3078/2023). Both samples had the same assay conditions and an average absorption time of over 60 seconds, which means the water didn't penetrate the samples until >60s (the maximum time requirement for this assay). EN 13795-1:2019 and EN 13795-2:2019 have no requirements for this assay.



tempo máximo de ensaio que a norma indica.

#### Summary

The results of the assays performed on the <u>original sample</u> (sample 1763/2023) are in accordance with EN 13795-1:2019 and EN 13795-2:2019 for <u>standard</u> <u>performance</u>. For sample 3077/2023, representing <u>70 industrial wash cycles</u>, the results are in accordance with EN 13795-1:2019 and EN 13795-2:2019 for <u>high</u> <u>performance</u>. Lastly, the results for sample 3078/2023, representing <u>70 domestic</u> <u>wash cycles</u>, are also in accordance with EN 13795-1:2019 and EN 13795-2:2019 for <u>high performance</u>.



#### Equilibrium - Lab Certification

Our other certification partner, *Equilibrium*, the Process and Quality Control laboratory tested a provided sample of Shelly ProCare regarding its skin irritation index. You can read the full report sent to IHCare by Equilibrium in the Attachments.

The test performed was an animal irritation, single-exposure test according to the requirements of ISO 10993-23:2021 - Biological evaluation of medical devices. The sample was cut into 2.5cm x 2.5cm squares and moistened with sodium chloride. As a positive control, a solution of 20% sodium lauryl sulfate solution was used; as a negative control sodium chloride was used. The test was performed on 3 rabbits with healthy and undamaged skin, with no restrictions on sex; female rabbits were nulliparous and not pregnant. The moistened samples were applied to the animals' test areas and the application sites were covered with a bandage for 4h. Once the dressings were removed the area was cleaned with lukewarm water. The appearance of the dressing site was registered at 1h, 24h, 48h, and 72h after patch removal. At all these times there were no abnormal symptoms at the contact parts. The primary irritation index was 0.00 at all times, for all application sites, for both erythema and eschar formation and oedema formation, which means <u>our sample is negligible to the skin</u>. (Test results bellow)

www.ihcarehealth.com | +351 911 544 950 | main@ihcare.pt

Certification Manual - Shellty Textile



		Skin irritation per time control									
		1	h	24h		48h		72h			
Animal nr.	Application site	Erythema and eschar formation	Oedema formation	Erythema and eschar formation	Oedema formation	Erythema and eschar formation	Oedema formation	Erythema and eschar formation	Oedema formation	Irritation score	
1	Left front	0	0	0	0	0	0	0	0	0,00	
	Right rear	0	0	0	0	0	0	0	0	0,00	
	Right front	0	0	0	0	0	0	0	0	0,00	Control Site
	Left rear	0	0	0	0	0	0	0	0	0,00	Control Site
2	Left front	0	0	0	0	0	0	0	0	0,00	
	Right rear	0	0	0	0	0	0	0	0	0,00	
	Right front	0	0	0	0	0	0	0	0	0,00	Control Site
	Left rear	0	0	0	0	0	0	0	0	0,00	Control Site
3	Left front	0	0	0	0	0	0	0	0	0,00	
	Right rear	0	0	0	0	0	0	0	0	0,00	
	Right front	0	0	0	0	0	0	0	0	0,00	Control Site
	Left rear	0	0	0	0	0	0	0	0	0,00	Control Site
			Primary Irritation Index (PII) 0,00								



#### Latest Tests

Our latest tests, made in September of 2023, with our lab partner, Equilibrium, were regarding the antibacterial and antifungal activity of our newest improved textile, with a bigger thread count, making it even softer and more comfortable than before.

The norms conducted by the lab were:

→ ISO 20743:2021 - Antibacterial Activity

This norm was tested for the normal strains included in its description (*Staphylococcus aureus and Klebsiella pneumoniae*), but also for the strains most frequently causing HAIs (Health Care-Associated Infections), namely *carbapenem-resistant Enterobacteriaceae (CRE)*. and *E.coli*.

For this norm, the results of antibacterial activity(A) fall into values:

- A< 2 → Weak activity (weak ability to prevent/reduce bacterial proliferation)</li>
- ◆ 2<A<3 → Significant activity (significant ability to prevent/reduce bacterial proliferation)</li>
- A>3 → Optimal activity (excellent ability to prevent/reduce bacterial proliferation)

Description	Methods	Results		
Staphylococcus aureus	ISO 20743:2021	A=2.4		
Klebsiella pneumoniae	ISO 20743:2021	A=2		
carbapenem-resistant Enterobacteriaceae	ISO 20743:2021	A<2		
E.coli	ISO 20743:2021	A<2		

These results mean that our product, even after alterations, has a significative antibacterial activity against the bacteria strains predicted in the norm, despite having a low antibacterial activity against the strains most frequently causing HAIs. It's worth to notice that a low antibacterial activity is not the same as no antibacterial activity, it just means that the capacity to prevent bacterial proliferation is lower when compared to other bacterial strains.



## → NP EN 14119- Método B2:2005 (equivalent to AATCC TM30-III) - Antifungal Activity

This test was conducted in order to guarantee the best performance based on REACH - ECHA standards, the goal is for the result to be an absence of growth visible to the naked eye.

Unfortunately, our results were negative, which means there was growth visible to the naked eye  $\rightarrow$  our textile is not antifungal.

This isn't, however, a major concern since the sheets currently used by healthcare institutions are also not antifungal.

If the recommended washing and drying procedures are followed correctly, there isn't any expected fungal growth.



#### **Attachments**





Exma, Sra. Diana Filipa Santos Pires Ihcare - Innovation hospital care, Lda Quinta do Vale do Espinhal, EM 558 1 3230-343 Penela

Data: Lisboa, 29 de outubro de 2021

#### Assunto: Reconhecimento de idoneidade da Ihcare - Innovation hospital care, Lda em matéria de investigação e desenvolvimento

De acordo com o disposto do n.º 1 do Art. 37º-A do Código Fiscal do Investimento, aditado pela Lei nº 114/2017 de 29 de dezembro, vem a Agência Nacional de Inovação reconhecer a idoneidade à Ihcare - Innovation hospital care, Lda, para a prática de atividades de investigação e desenvolvimento no seguinte domínio técnico-científico e áreas de atuação:

Saúde

- Tecnologias avançadas aplicadas à Saúde
- TIC aplicadas à Saúde

Pela ANI - Agência Nacional de Inovação, S.A., A Comissão Técnica com competência delegada,

PAULO MADEIRA

Assinado de forma digital ALEXANDRE REIS MADEIRA Dados: 2021.11.12 09:19:55 Z

FRANCISCO MANUEL SIMÕES FRANCISCO MANUEL SIMÕES DE MOURA DE MOURA

Digitally signed by Date: 2021.11.12 10:35:30 Z

SÓNIA MEIRELES RICCA GONÇALVES Dados: 2021.11.04 16:00:53 Z



PORPORT Galicles NET, Russ de Salazares, 642 4146-002, Porto TML - 351 201 467 820 TML + 351 226 135 436 LINDOM Campon do Lumian, G.B. 0, 1<sup>+</sup>, Estenda de Papo do Lumian; 1444-0318 [bbins 7ML - 351 234 225 100 TML + 351 234 222 101 VMM/AULUY = NO(00,ML FT, <sup>A</sup>ML HIGH & 1400 Escocia / Onglith Bounda 1: 153 374, 602



Certification partners





Suppliers



