

# Declaration of compliance

ASTM F838-15a bacterial retention performance



## T-safe Medical + Pro Water Filter range

This document is to declare that the T-safe Medical + Pro Water Filter range has been tested and validated as a sterilizing grade filter for liquid filtration, as it has proven a retention efficacy of >7 Log (99.99999%) with *Brevundimonas diminuta* (*Br. diminuta*) in accordance to ASTM F 838-15a testing, performed by Nelson labs. A table including recovered *Br. diminuta* and resulting Log retention for each tested unit is given below.

Filter	Repl-icate	Total challenge [CFU]	Total challenge [CFU]/cm <sup>2</sup>	Recovery [CFU]	Log retention/cm <sup>2</sup>	Total Log retention
T-safe Medical Shower Filter*	#1	1.2*10 <sup>11</sup>	3.5*10 <sup>7</sup>	0	> 7.54	> 11.07
	#2	9.5*10 <sup>10</sup>	2.8*10 <sup>7</sup>	0	> 7.45	> 10.98
T-safe Medical Tap Filter 92 Days	#1	9.4*10 <sup>10</sup>	3.9*10 <sup>7</sup>	0	> 7.59	> 10.97
	#2	7.3*10 <sup>10</sup>	3.0*10 <sup>7</sup>	0	> 7.48	> 10.86
T-safe Medical Tap Filter 31 Days	#1	5.5*10 <sup>10</sup>	3.3*10 <sup>7</sup>	0	> 7.52	> 10.74
	#2	2.8*10 <sup>10</sup>	1.7*10 <sup>7</sup>	0	> 7.23	> 10.45
T-safe In-Line Filter**	#1	9.6*10 <sup>10</sup>	1.9*10 <sup>7</sup>	0	> 7.28	> 10.98
	#2	1.4*10 <sup>11</sup>	2.7*10 <sup>7</sup>	0	> 7.43	> 11.14
T-safe Easy-Fix Shower Filter	#1	6.3*10 <sup>10</sup>	1.0*10 <sup>7</sup>	0	> 7.00	> 10.79
	#2	9.1*10 <sup>10</sup>	1.5*10 <sup>7</sup>	0	> 7.18	> 10.97

\* Including filter cartridge which is also used in T-safe Chrome Hand Shower Filter and T-safe Kitchen Spray Filter

\*\* Including filter cartridge which is also used in T-safe Chrome Wall Shower Filter, T-safe Flex Wall Shower Filter and T-safe Chrome In-Line Filter

**Joachim Otto Habel, PhD**

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**Site of Manufacture:**  
Johs. Tandrup A/S, Denmark

**Supplied by:**  
Johs. Tandrup A/S, Gydevang 1,  
3450 Allerød, Denmark

**Johs. Tandrup A/S is certified to**  
ISO 9001:2015, ISO 13485:2012 and  
ISO 14001:2015

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