

STEAMONE

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Summary of Result

Reference study 1133-01 C1 + C2:

“Study of validation of tissues and washable surgical mask sterilization procedure on human coronavirus responsible for the infectious respiratory disease called COVID-19 using Steamone vertical and portable garment steamer for domestic used”

The devices Steamone Vertical and Portable for domestic use were tested with different procedures to sterilize Jean, washable surgical mask, polyester, Silk, wool, lin, cachemire, viscose and the results hereafter demonstrated that all the protocols used on all tissues and washable surgical mask inactivate the human SARS-CoV-2 responsible of the COVID-19 with more than 99% (> 2 Log) of efficiency.

For the wool tissue with vertical device the treatment of use during 1 second - 1 second off - 1 second into the table hereafter demonstrate an inactivation of the human SARS-CoV-2 responsible of the COVID-19 with more than 99,99% (> 4 Log) of efficiency.

As per all the several results obtained with the different tissues or washable surgical mask, we have to expect to get such a result on all tissues and washable surgical mask with the vertical device for the treatment of use during 1 second - 1 second off - 1 second (2 seconds of treatment).

Protocol Tissue	Device			Comment for inactivation
	Vertical 1 sec	Vertical 1 sec / 1 sec off / 1 sec	Portable 1 sec	
Jean	= 4.00	= 4.06	= 4.00	99,99% of viral inactivation
Washable Surgical Mask	= 3.04	> 4.56	NT	99,90% and more than 99,99% of viral inactivation
Polyester	= 4.17	> 4.56	NT	99,99% and more than 99,99% of viral inactivation
Silk	> 4.20	NT	> 4.20	More than 99,99% of viral inactivation
Wool	= 3.28	> 4.02	= 3.04	99,90% and more than 99,99% of viral inactivation
Lin	= 4.23	NT	NT	99,99% of viral inactivation
Cachemire	= 2.45	NT	NT	99,64% of viral inactivation
Viscose	= 3.70	NT	NT	99,98% of viral inactivation

Note: The numbers in the table are expressed as a common logarithm (the logarithm to base 10). NT: Not Tested.



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