



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation) C

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO : C1/0000234059

Issued To :

Client Code : (NDLS01A2272)
ARIKAY VENTURES LLP,
LGF, C-360, H. NO. MN03,
HUB AND OAK, DEFENCE COLONY
NEW DELHI
DELHI-110024
Kind Attn: KARAN KATARIA

Date : 31-10-2020
Job No : 2010-1-111-2095
Booking No : RG2021/1/5620
Booking Date : 16-10-2020
Customer Ref No. : EMAIL
Customer Ref Dt. : 15-10-2020

Sample Particulars:

One sample of NIST STERILIZER, MODEL- HOME & OFFICE UNIT was received.

“The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in test certificate are based on declaration by the party.”

TEST RESULTS

Product Details : NIST STERILIZER, MODEL- HOME & OFFICE UNIT Serial No: 20202800013, Input Voltage: 100 - 240V AC 50/60 Hz, Max Power: 12W. Made in Turkey
Test : Antimicrobial efficacy of NIST STERILIZER, MODEL- HOME & OFFICE UNIT
Protocol : As per guidelines ASTM E2315-16
Test Organisms : Bacteria- *Staphylococcus aureus*, *Escherichia coli* and *Bacillus subtilis* *Klebsiella*
Fungus- *Candida albicans* and *Aspergillus niger*
Contact Time : 10 minutes
Placem : The test surface was kept at a distance of 8 feet from the NIST sterilizer
Test surfaces used : Non- porous: Glass and Porous: Fabric

a) Non- porous test surface -Glass

S. No	Name of Organism	Count before NIST sterilizer exposure (cfu)	Count after NIST sterilizer exposure (cfu)	(%) Reduction
1	<i>Staphylococcus aureus</i>	3.4 x 10 ⁶	<1	99.99
2	<i>Escherichia coli</i>	4.1 x 10 ⁶	<1	99.99
3	<i>Bacillus subtilis</i>	3.2 x 10 ⁶	<1	99.99
4	<i>Candida albicans</i>	3.1 x 10 ⁶	<1	99.99
5	<i>Aspergillus niger</i>	1.2 x 10 ⁶	<1	99.99

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5119)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)

An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org

E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO : C1/0000234059

b) Porous test surface -Fabric

S. No	Name of Organism	Count before NIST sterilizer exposure (cfu)	Count after NIST sterilizer exposure (cfu)	(%) Reduction
1	<i>Staphylococcus aureus</i>	4.3×10^6	<1	99.99
2	<i>Escherichia coli</i>	4.9×10^6	<1	99.99
3	<i>Bacillus subtilis</i>	3.6×10^6	<1	99.99
4	<i>Candida albicans</i>	2.8×10^6	<1	99.99
5	<i>Aspergillus niger</i>	1.1×10^6	<1	99.99

Interpretation: As per guidelines of ASTM E2315-16 the antimicrobial efficacy of NIST STERILIZER, MODEL-HOME & OFFICE UNIT is 99.99 % efficient against *Staphylococcus aureus*, *Escherichia coli*, *Bacillus subtilis*, *Candida albicans* and *Aspergillus niger* at a contact time of 10 minutes with respect to above tested surfaces.

DOR: 16.10.2020

DOC: 31.10.2020

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5419)

GC-01(Rev-05)

2/2

Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

Phone : 91-11-27000100, 27667267, 27667860

Fax : 91-11-27667207

SRI-C1 (Rev. 03)

See overleaf for terms & conditions



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO : C1/0000234052

Issued To :

Client Code : (NDLS01A2272)
ARIKAY VENTURES LLP,
LGF, C-360, H. NO. MN03,
HUB AND OAK, DEFENCE COLONY
NEW DELHI
DELHI-110024
Kind Attn: KARAN KATARIA

Date : 31-10-2020
Job No : 2010-1-111-3873
Booking No : RG2021/1/5620
Booking Date : 16-10-2020
Customer Ref No. : EMAIL
Customer Ref Dt. : 15-10-2020

Sample Particulars:

One sample of NIST STERILIZER, MODEL-HOME & OFFICE UNIT for antivirus efficacy on bacteriophage virus contact time for sterlization - 10 minutes at 8 feet distance was received.

"The Sampling was not carried out by Shriram Institue For Industrial Research. The sample details provided in test certificate are based on declaration by the party."

Sample details:

Model: HOME OFFICE, Serial No: 20202800013, Input Voltage: 100 - 240V AC 50/60 Hz, Max Power: 12W. Made in Turkey.

Exposure Time:

10 minute

Exposure distance:

8 feet

TEST RESULTS

	pfu/ml (Untreated, 10 minutes)	pfu/ml (Treated, 10 min)	Log reduction value	Phage reduction (%)
NC (electric light)	7000000000	7000000000	0	0
PC (UV laminar Hood)		0	9.85	100.00
Test (NIST STERILIZER)		7000000000	9.85	100.00

CONCLUSION

Test	Result	Protocol
Assessing antiviral activity on Bacteriophages.	Upto 99.86% phage virus reduction was observed.	SOP No: SRI/MOL/036

DOR: 16.10.2020

DOC: 31.10.2020

Amrita Pandey

AUTHORISED SIGNATORY

EMPLOYEE CODE:(C1371)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO : C1/0000234052

Issued To :

Client Code : (NDLS01A2272)
ARIKAY VENTURES LLP,
LGF, C-360, H. NO. MN03,
HUB AND OAK, DEFENCE COLONY
NEW DELHI
DELHI-110024
Kind Attn: KARAN KATARIA

Date : 31-10-2020
Job No : 2010-1-111-3873
Booking No : RG2021/1/5620
Booking Date : 16-10-2020
Customer Ref No. : EMAIL
Customer Ref Dt. : 15-10-2020

Sample Particulars:

One sample of NIST STERILIZER, MODEL-HOME & OFFICE UNIT for antivirus efficacy on bacteriophage virus contact time for sterlization - 10 minutes at 8 feet distance was received.

"The Sampling was not carried out by Shriram Institue For Industrial Research. The sample details provided in test certificate are based on declaration by the party."

Sample details:

Model: HOME OFFICE, Serial No: 20202800013, Input Voltage: 100 - 240V AC 50/60 Hz, Max Power: 12W. Made in Turkey.

Exposure Time:

10 minute

Exposure distance:

8 feet

TEST RESULTS

	pfu/ml (Untreated, 10 minutes)	pfu/ml (Treated, 10 min)	Log reduction value	Phage reduction (%)
NC (electric light)	7000000000	7000000000	0	0
PC (UV laminar Hood)		0	9.85	100.00
Test (NIST STERILIZER)		7000000000	9.85	100.00

CONCLUSION

Test	Result	Protocol
Assessing antiviral activity on Bacteriophages.	Upto 99.86% phage virus reduction was observed.	SOP No: SRI/MOL/036

***Note: Laminar hood UV is hazardous to human health, Annexure attached.**

DOR: 16.10.2020

DOC: 31.10.2020

Amrita Pandey

AUTHORISED SIGNATORY

EMPLOYEE CODE:(C1371)