microclean
QUALITY TODAY - INNOVATION TOMORROW



PRODUCT SPECIFICATION

IPA POLYPROPYLENE TUB WIPES STERILE & NON-STERILE

VeriGuard 1

PRODUCT INFORMATION

PRODUCT DESCRIPTION

VeriGuard 1 is a pre-saturated Polypropylene tub wipe designed for use in lower grade Cleanrooms as a hard surface wipe.

The re-sealable flip-top tub makes for easy wipe dispensing and gives increased alcohol retention.

PRODUCT FEATURES

Continuous filament, Thermond, non-woven, hydrophilic 100% Polypropylene wipes supplied as a log roll pre-saturated with IPA 70/30 WFI.

Sterile version supplied in sealed tub with a flip-top which is double bagged.

Non-sterile version supplied in a heat sealed tub with a flip-top lid.

MANUFACTURING

The product is filled and capped in Grade B (in use) cleanroom.

Packaging is performed within a Grade C (in use) cleanroom.

The disinfectant is filtered through a 0.2 micron filter at the point of fill.

DISINFECTANT SPECIFICATION

Contains: 70 v/v % Propan-2-ol (#67-63-0) and WFI Water for Injection (WFI) grade water.

Unless otherwise stated all Microncleanproduct labelling for IPA disinfectant products will refer to v/v % as this is the most accurate way of measuring alcohol and water solutions:

	% Tolerance	Notes
IPA 70.0% v/v	+/- 2.0%	@20°C
IPA 62.8% w/w	+/- 2.2%	@20°C

PACKAGING

Packed in cleanroom compatible tub containing 200 wipes.

Double Bagged (sterile only).

STERILISATION DETAILS

If applicable sterilised by Gamma Irradiation (minimum 25kGy).

QUALITY ASSURANCE

Product supplied under BS EN ISO 9001.

SHELF LIFE

2 years from date of manufacture.

STORAGE CONDITIONS

Store in a cool, dry, well ventilated area and protect from direct sunlight heat and naked flames.

MATERIALS & PERFORMANCE

Performance Data		
Weight	**Size**	**Thickness**
18g/m² +/- 7.5%	203mm x 203 mm (8" x 8")	0.2mm

PRODUCT INFORMATION

DISINFECTANT PERFORMANCE

SURFACE TESTS						
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 13697:2015	S. aureus	6538	Clean	Log 4.0	> 6.62	Bactericidal
	P. aeruginosa	15442	Clean	Log 4.0	> 6.83	Bactericidal
	E. coli	10536	Clean	Log 4.0	> 6.85	Bactericidal
	E. hirae	10541	Clean	Log 4.0	> 6.66	Bactericidal
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 15 mins**	**Outcome**
BS EN 13697:2015	C. albicans	10231	Clean	Log 3.0	> 5.26	Yeasticidal
	A. brasiliensis	16404	Clean	Log 3.0	3.04	Fungicidal

WIPE & MOP SURFACE TESTS						
Protocol	**Organism**	**ATCC Code**	**Condition**	**Log reduction to pass**	**Log reduction @ 5 mins**	**Outcome**
BS EN 16615:2015	S. aureus	6538	Clean	Log 5.0	5.37	Bactericidal
	P. aeruginosa	15442	Clean	Log 5.0	5.29	Bactericidal
	E. hirae	10541	Clean	Log 5.0	5.41	Bactericidal

Please note: Data shown above are just typical values.

RESIDUE ON EVAPORATION

Name	Full Description	Residue on Evaporation
IPA	70 v/v % Propan-2-ol (#67-63-0) and WFI Water for Injection (WFI) grade water	25ppm

Microclean Ltd | Roman Bank | Skegness | Lincolnshire | PE25 1SQ
T. 01754 767377 | E. sales@microclean.co.uk | W. www.microclean.com

bsi ISO 9001 Quality Management Systems CERTIFIED Q 05531 | ISO 13485 Quality Management for Medical Devices CERTIFIED MD 511992 | ISO 14001 Environmental Management CERTIFIED EMS 34541 | ISO 50001 Energy Management CERTIFIED ENMS 637139
NSAI Certified

PRODUCT INFORMATION

SURFACE EFFICACY RESULTS - CARRIER-BASED METHOD, 10-MINUTE CONTACT TIME

Organism	Strain	Req. Log Reduction	Material Log Reduction									Result
			Latex	Stainless Steel 304	Stainless Steel 316	Polyethylene	Polyurethane	EPDM	Silicone	Acrylic	Glass	
S. aureus	ATCC 6538	≥ log 3	> 3.84	> 3.91	> 3.20	> 3.84	> 4.36	> 3.88	> 3.93	> 3.11	> 3.27	Pass
P. aeruginosa	ATCC 15442	≥ log 3	> 3.68	> 3.89	> 3.87	> 3.13	> 4.16	> 3.17	> 3.33	> 3.16	> 3.25	Pass
E. coli	ATCC 11229	≥ log 3	> 4.52	> 3.90	> 3.33	> 3.86	> 4.27	> 3.17	> 3.62	> 3.15	> 3.31	Pass
E. hirae	ATCC 10541	≥ log 3	> 4.00	> 4.21	> 4.23	> 4.27	> 4.49	> 4.36	> 3.06	> 3.21	> 4.40	Pass
C. albicans	ATCC 10231	≥ log 3	> 3.11	> 3.09	> 3.11	> 3.08	> 3.06	> 3.11	> 3.09	> 3.05	> 3.04	Pass
C. albicans	ATCC 14053	≥ log 3	> 3.55	> 3.62	> 3.59	> 3.25	> 3.14	> 3.16	> 3.52	> 3.72	> 3.17	Pass
A. niger	ATCC 6275	≥ log 2*	> 2.32	> 2.42	> 2.44	> 2.31	> 2.63	> 2.50	> 2.69	> 2.54	> 2.53	Pass
M. luteus	In House	≥ log 3	> 3.13	> 3.17	> 3.87	> 4.10	> 4.19	> 4.19	> 4.02	> 3.07	> 3.36	Pass
S. epidermidis	In House	≥ log 3	> 4.30	> 3.93	> 4.14	> 4.28	> 4.18	> 4.39	> 4.72	> 3.25	> 3.89	Pass

*For this carrier test, satisfactory reduction was defined as ≥3 log for vegetative (non-sporulated) microorganisms and ≥2 log for sporulated forms.

ORDERING/PACKING INFORMATION

Sterile Code	Non-Sterile Code	Description	Size	Pack Qty	Case Qty	Case Dimensions	Weight
WSVG05020		IPA Polypropylene Tub Wipe Sterile	203mm x 203mm	200	12 x 200	460 x 340 x 370 mm	10 Kg
	WNVG05020	IPA Polypropylene Tub Wipe Non-sterile	203mm x 203mm	200	12 x 200	460 x 340 x 370 mm	10 Kg

The above product table does not show the regional product codes for clarity. However, to ensure that product labels with the correct languages are ordered and dispatched please contact us.

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