

Company Name:	MEDISANITIZE
Company Address:	B5 BUCKSHAW LINK, BUCKSHAW VILLAGE, CHORLEY.PR7 7EL
Product Name:	MEDISANITIZE ALCOHOL WIPES (HAND WIPES / SURFACE WIPES)
Report Date:	05/09/2020
Ref Number:	MEDAL1712B
No. of Samples:	1
Name ofTestProduct: Batch Number:	EN1276 with addition of Listeria, Campylobacter, MRSE & Salmonella 001

Sample Details:

Manufacture/Supplier:	AL-Bioservices Limited
Manufacture/Supplier: Productstorageconditions:	Ambient
Appearance of the product (as supplied):	Clearliquid
Appearance of the product (after dilution):	N/A
Appearance of product with interfering substance and testorganism:	Clearliquid
Active substance and concentration:	N/A
Product dilutions/concentrations:	Ready to Use (RTU)
Diluent used todilute product:	N/A
Incubation temperature:	36 degrees and Campylobacter incubated in a gas jar
The test product was in satisfactory condition for testing when receive	ed.

Date product received: 16/07/20 Test Date: 05/08/20

Experimental Conditions:

Interfering substance: Test temperature:	Bovine Albumin (dirty3.0g∕l) 18 to 25°C
Contacttime:	5 Minutes
Testorganisms:	Pseudomonas aeruginosa ATC 0 5442
	Staphylococcus aureus ATCC 6538
	Escherichia coli ATCC 10536
	Enterococcushirae ATCC 10541
	Salmonella Typhimurium NCTC 13665
	Listeria monocytogenes serovar I/2a NCTC 7973
	Staphylococcus epidermidis MRSE NCTC 11964
	Campylobacter jejuni subsp. doyleii NCTC 11951

Requirements of the Standard: The test product shall demonstrate at least a 5 decimal logarithm (lg) reduction when tested in accordance with this standard under simulated clean or dirty conditions.





Conclusion:

For the product Sample 1 EN1276 with addition of Listeria, Campylobacter, MRSE & Salmonella, [001] the log reduction requirements as specified in EN 1276:2019 (5 lg within the relevant contact time) were met when tested in dirty conditions with a contact time of 5 minutes.

Test Results:

Neutralisation Method Used:

Membrane filtration

Rinsing Liquid Used : N7

Pseudomonas aeruginosa ATCC

1544	2			Validation and controls							1712B	
Valida	tion susp (Nv ₀)	pension	Experimental conditions control (A)			Neutra	lizer conti	rolß)	Method validation Productconc:		n (C) RTU	
Vc1	69	x =	Vc1	52	x =	Vc1	43	x =	Vc1	43	x =	
Vc2	64	66.5	Vc2	55	53.5	Vc2	47	45	Vc2	52	47.5	
30≤ x	of Nvo:	≤ 160?	X of A is a	≥0.5 × X (of Nv ₀ ?	X of B is	≥ 0.5 x X c	of N∨₀?	x of C	is≥0.5 x of	Nvo?	
	Yes		Yes				Yes		Yes			
Test susp	pension a	and test			Ν	Vc1	Vc2	Xwm	2.70E+08	; g N =	8.43	
			Test suspension (N and N ₀):		10 -6	239	288	N o = N /10 ; lgN o=		7.43		
			(IN and I	IN 0).	10 ⁻⁷	38	29	7.17 ≤ lgľ	N₀≤7.70?	Yes		
								x quo	otient =>5 a	and <15?	7.87	
		Conc.	of the active (%)	Vc1	Vc 2	Na = $\overline{\mathbf{x}}$ ×10	lgNa	N 0 =	gR 7.43	Contact time	Result	
			RTU	<14	<14	1.40E+02	<2.15		>5.29	5 Minutes	Pass	





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Campylobacter jejuni subsp. Doyleii NCTC 11951

yieli NC	IC 1195			Validation and controls					Ref No	1712B		
Valida	ntion susp (Nv 0)	ension		Experimental conditions control (A)			Neutralizer control $\boldsymbol{\beta}$)			Method validation Product conc:		
Vc1	91	 =	Vc1	78	X =	Vc1	84	x =	Vc1	69	x =	
Vc2	87	89	Vc2	91	84.5	Vc2	89	86.5	Vc2	76	72.5	
30 ≤ >	K of Nv₀≦ Yes	≤ 160?	x of A is	≥ 0.5 x a Yes	of Nvo?	x of B is	≥0.5 x c Yes	of Nvo?	X of C is ≥ 0.5 X of Nv₀? Yes			
_												
Test sus	pension a	and test			Ν	Vc1	Vc2	Хm	3.45E+08	; lg N =	8.54	
Test sus	pension a	and test	Test susp (N and		N 10 ⁻⁶	Vc1 330	Vc2 330	X m N o = N /10		; lg N = 7.54	8.54	
Test sus	pension a	and test						N o = N /1C		, 5	8.54	
Test sus	pension a	and test			10 -6	330	330	N o = N /1C 7.17 ≤ lgN); gN 0=	7.54 Yes	8.54 9.57	
Test sus	pension a			N 0):	10 -6	330	330	N ₀ = N /1C 7.17 ≤ lgN x que) ; lgN ₀= N ₀≤ 7.70?	7.54 Yes		





Staphylococcus aureus ATCC 6538

653	8			V	Validation and controls						1712B
Valida	tion susp (Nv ₀)	pension	Experimental conditions control (A)			Neutralizer control β)			Method validation Product conc:		n (C) RTU
Vc1	59	x =	Vc1	57	x =	Vc1	46	x =	Vc1	47	x =
Vc2	46	52.5	Vc2	57	57	Vc2	40	43	Vc2	45	46
30 ≤ >	✓ of Nv₀≤ Yes	≤ 160?	x of A is ≥ 0.5 x of Nv₀? Yes			$\overline{\mathbf{x}}$ of B is	≥0.5 x X o Yes	of Nvo?	x of C	Nvo?	
Test sus	Test suspension and test				Ν	Vc1	N/ 0		0.445 0.0	1	0.00
rest suspension and test				IN	VCI	Vc2	Xwm	2.11E+08	; lg N =	8.32	
			Test susp (N and		10 -6	225	Vc 2 196	X wm N ₀ = N /10		; lg N = 7.32	8.32
					10 -6	225	196	N o = N /10		-	8.32
								N ₀ = N /10 7.17 ≤ lgN	; gN ₀ =	7.32 Yes	8.32 9.79
			(N and	N 0):	10 ⁻⁶	225 24	196 19	N ₀ = N /10 7.17 ≤ lgN X quo	; lgN₀= N₀≤ 7.70? otient = >5 ;	7.32 Yes and <15?	9.79
				N 0):	10 -6	225	196	N ₀ = N /10 7.17 ≤ lgN X quo	; lgN₀= N₀≤ 7.70?	7.32 Yes	

Escherichia coli ATCC 10536

	AICC	10000		Validation and controls						Ref No		
Valid	ation susp (Nv₀)	pension		Experimental conditions control (A)			Neutralizer control $\boldsymbol{\beta}$)			Method validation Product conc:		
Vc1	95	x =	Vc1	81	x =	Vc1	73	x =	Vc1	107	x =	
Vc 2	83	89	Vc2	73	77	Vc2	96	84.5	Vc2	81	94	
30 ≤	≦ x of Nvo: Yes	≤ 160?	X of A is ≥ 0.5 X of Nv₀? Yes			x of B is	≥ 0.5 x X o Yes	of N∨₀?	x of C is ≥ 0.5 x of Nv₀? Yes			
Test su:	spension a	and test			Ν	Vc1	Vc2	Xm	4.25E+08	; lg N =	8.63	
		T		4								
			Test susp (N and		10 -6	>330	>330	N o = N /1C) ; lgN ₀₌	7.63		
); lgN₀= N₀≤7.70?	7.63 Yes		
					10 ⁻⁸	>330	>330 48	7.17 ≤ lgN		Yes	N/A	
		Conc. d		N 0):				7.17 ≤ lgt X quc	N ₀ ≤7.70?	Yes	N/A Result	



AL- BIOSERVICES Laboratory Testing Services Test Report for General Purpose Disinfectant Product BS EN 1276:2019



occus hir	ae ATC	C 1054	I	V	alidation	and contro	ls		Ref No		1712B
Valida	tion susp (Nv₀)	ension	Experimental conditions control (A)			Neutralizer control β)			Method validation Product conc:		n (C) RTU
Vc1	69	x =	Vc1	63	x =	Vc1	73	_ =	Vc1	56	x =
Vc2	79	74	Vc2	73	68	Vc2	64	68.5	Vc2	49	52.5
30 ≤ >	c of Nvos Yes	≤ 160?	x of A is	≥ 0.5 x (Yes	of Nv o?	x of B is ≥ 0.5 x of Nv₀? Yes			x of C	Nv₀?	
Test sus	pension a	and test			Ν	Vc1	Vc2	Xwm	2.62E+08	; lg N =	8.42
			Test susp (N and		10 ⁻⁶	256	270	N o = N /1C) ; lgN ₀₌	7.42	
					10 ⁻⁷	24	26	7.17 ≤ lgľ	N₀≤7.70?	Yes	
								x quo	otient = >5	and <15?	10.52
	Conc.			Vc1	Vc2	Na = $\overline{\mathbf{x}}$ x10	lgNa	N 0 =	gR 7.42	Contact time	Result
			RTU	<14	<14	1.40E+02	<2.15		>5.27	5 Minutes	Pass

is hiran ATCC 10541 Enteroco

Salmonella Typhimurium NCTC

1366	5			Validation and controls							1712B	
Valida	tion susp (N∨₀)	ension	Experimental condition control (A)			Neutra	lizer contr	olß)	Method validation (C) Product conc:			
Vc1	93	X =	Vc1	69	x =	Vc1	79	X =	Vc1	75	 =	
Vc2	83	88	Vc2	59	64	Vc2	74	76.5	Vc2	78	76.5	
30 ≤ x	t of Nv₀≤ Yes	≤ 160?	x of A is	≥ 0.5 x a Yes	of Nv o?	x of B is	≥0.5 x c Yes	of N∨₀?	x of C is ≥ 0.5 x of Nv₀? Yes			
Test susp	pension a	and test			Ν	Vc1	Vc2	Xm	3.50E+08	; lg N =	8.54	
			Test susp (N and		10 ⁻⁶	330	330	N ₀ = N /10);	7.54		
					10 ⁻⁷	30	40	7.17 ≤ lgî	N₀≤7.70?	Yes		
					10	00	10	x qua	otient = >5	and <15?	9.43	
	Conc. of the activ				Vc2	Na = x x10	lgNa		gR	Contact	Result	
(%) RTU				<14	<14	1.40E+02	<2.15	N 0 =	7.54 >5.39	time 5 Minutes	Pass	





Listeria monocytogenes serovar I/2a NCTC 7973

/2a NC	TC 7973			\vee	alidatior	and contro	ls		Ref No	1712B	
Valic	lation susp (Nv o)	pension	Experimental conditions control (A)			Neutralizer control $m{eta}$)			Method validation (C) Product conc:		
Vc1	111	x =	Vc1	98	x =	Vc1	90	x =	Vc1	81	x =
Vc2	107	109	Vc2	84	91	Vc 2	86	88	Vc2	77	79
30 ≤	x of Nvo:	≤ 160?	x of A is ≥ 0.5 x of Nv₀?			x of B is ≥ 0.5 x of Nv₀?			x of C	f Nvo?	
	Yes		Yes				Yes		Yes		
Test su	spension a	and test			Ν	Vc1	Vc2	Хm	4.90E+08	; lg N =	8.69
			Test susp		10 -6	330	330	$N_0 = N / 10$) ; lgN ₀₌	7.69	

	(N and N ₀):				. ,	, 5		
		10 ⁻⁷	57	41	7.17 ≤ lgN	l₀≤7.70?	Yes	
					x quo	tient = >5 a	and <15?	6.73
Conc. of the acti (%)	ve Vc1	Vc2	Na = x x10	lgNa	No=	gR	Contact time	Result
(/o)					IN 0 =	7.69	time	
RTU	<14	<14	1.40E+02	<2.15		>5.54	5 Minutes	Pass

Staphylococcus epidermidis MRSE NCTC 11964

1RS	E NCT	°C 11964	4		V	alidatior	and contro	ls		Ref No		1712B	
	Valida	tion susp (Nv 0)	pension	Experimental conditions control (A)			Neutra	lizer cont	rol B)	Method validation () Product conc:			
	Vc1	43	X =	Vc1	55	 =	Vc1	35	x =	Vc1	45	x =	
	Vc2	45	44	Vc2	36	45.5	Vc2	42	38.5	Vc2	38	41.5	
Γ	30 ≤ >	of Nvo:	≤ 160?	x of A is	≥05× x «	of Nv ₀ ?	x of B is	≥ 0.5 × X o	of Nvo?	x of C	is≥0.5 x o	fNv₀?	
		Yes			Yes			Yes		Yes			
Т	est sus	pension a	and test			Ν	Vc1	Vc2	Xm	1.66E+08	; lg N =	8.22	
				Test sus (N and		10 ⁻⁶	148	184	N ₀ = N /10) ; lgN ₀₌	7.22		
						10 ⁻⁷	16	18	7.17 ≤ lgl	N₀≤7.70?	Yes	ĺ	
									x que	otient = >5	and <15?	9.76	
			Conc.c	of the active					lg	R	Contact		
				(%)	Vc1	Vc2	Na = x x10	lgNa	N _o =	7.22	time	Result	
				rtu	<14	<14	1.40E+02	<2.15		>5.07	5 Minutes	Pass	

