

**ANALYSIS REPORT**

<b>Report No. AE 110 11931/20</b>		<b>Lab Sample ID: DUBI-0621-001</b>		<b>Date: 14/09/2020</b>
<b>Client\Establishment</b>		<b>Name:</b>		<b>ZOONO LIMITED</b>
		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/09/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>	<b>ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER &amp; PROTECTANT 250ML</b>			

**TEST RESULTS**

SR. NO.	TEST	METHOD	UNIT	RESULT
1.	Total bacterial count	ISO 21149: 2017	CFU/g	<10

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Certain parameters such as pH, conductivity, microbiology etc, need to be performed soon after sample collection. This report reflects results obtained upon receipt of sample at our laboratory, hence precision data of the test results obtained may not apply.



**ANALYSIS REPORT**

Report No. AE 110 11931/20		Lab Sample ID: DUBI-0621-001		Date: 05/10/2020
<b>Client\Establishment</b>		<b>Name:</b>		ZOONO LIMITED
		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/10/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>	ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML			

**TEST RESULTS**

**ZOONO Z 71**

Test Organism: <i>Escherichia coli</i>	Initial inoculum level (cfu/ml): 6.7x10 <sup>7</sup> cfu/mL(log 7.8)	24 Hrs. re inoculation inoculum level (cfu/ml): 4.5 x 10 <sup>7</sup> cfu/mL (log 7.7)	7 Days re inoculation inoculum level (cfu/ml): 3.2x 10 <sup>7</sup> cfu/mL(log 7.5)	30 Days re inoculation inoculum level (cfu/ml): 1.2 x 10 <sup>7</sup> cfu/mL(log 7.1)
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Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	8.9 x 10 <sup>5</sup> cfu/mL (log 5.9)	No recovery of Organism (log 1)	5.9	100
7 Days	6.6 x 10 <sup>5</sup> cfu/mL (log 5.8)	No recovery of Organism (log 1)	5.8	100
30 Days	1.3 x 10 <sup>5</sup> cfu/mL (log 5.1)	No recovery of Organism (log 1)	5.1	100
Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	4.5 x 10 <sup>7</sup> cfu/mL (log 7.7)	No recovery of Organism (log 1)	7.7	100
7 Days	3.2 x 10 <sup>7</sup> cfu/mL (log 7.5)	No recovery of Organism (log 1)	7.5	100
30 Days	1.2 x 10 <sup>7</sup> cfu/mL (log 7.1)	No recovery of Organism (log 1)	7.1	100

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**ANALYSIS REPORT**

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<b>Client\Establishment</b>		<b>Name:</b>		ZOONO LIMITED
		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/10/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>	ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML			

**TEST RESULTS**

**ZOONO Z 71**

Test Organism: <i>Pseudomonas aeruginosa</i>	Initial inoculum level (cfu/ml): 5.4 x 10 <sup>7</sup> cfu/mL (log 7.7)	24 Hrs. re inoculation inoculum level (cfu/ml): 4.9 x 10 <sup>7</sup> cfu/mL (log 7.6)	7 Days re inoculation inoculum level (cfu/ml): 3.0 x 10 <sup>7</sup> cfu/mL (log 7.5)	30 Days re inoculation inoculum level 1.5 x 10 <sup>7</sup> cfu/mL (log 7.2)
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Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	9.1 x 10 <sup>5</sup> cfu/mL (log 6.0)	No recovery of Organism (log 1)	6.0	100
7 days	6.8 x 10 <sup>5</sup> cfu/mL (log 5.8)	No recovery of Organism (log 1)	5.8	100
30 Days	1.1 x 10 <sup>5</sup> cfu/mL (log 5.0)	No recovery of Organism (log 1)	5.0	100

  

Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	4.9 x 10 <sup>7</sup> cfu/mL (log 7.6)	No recovery of Organism (log 1)	7.6	100
7 days	3.0 x 10 <sup>7</sup> cfu/mL (log 7.5)	No recovery of Organism (log 1)	7.5	100
30 Days	1.5 x 10 <sup>7</sup> cfu/mL (log 7.2)	No recovery of Organism (log 1)	7.2	100

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		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/10/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>		ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML		

**TEST RESULTS**

**ZOONO Z 71**

Test Organism: <i>Staphylococcus aureus</i>	Initial inoculum level (cfu/ml): 1.5 x 10 <sup>7</sup> cfu/mL (log 7.2)	24 Hrs. re inoculation inoculum level (cfu/ml): 1.4 x 10 <sup>7</sup> cfu/mL (log 7.1)	7 Days re inoculation inoculum level (cfu/ml): 1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)	30 Days re inoculation inoculum level 1.0 x 10 <sup>7</sup> cfu/mL (log 7.0)
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Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	7.4 x 10 <sup>5</sup> cfu/mL (log 5.9)	No recovery of Organism (log 1)	5.9	100
7 days	5.4 x 10 <sup>5</sup> cfu/mL (log 5.7)	No recovery of Organism (log 1)	5.7	100
30 Days	1.0 x 10 <sup>5</sup> cfu/mL (log 5.0)	No recovery of Organism (log 1)	5.0	100

  

Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	1.4 x 10 <sup>7</sup> cfu/mL (log 7.1)	No recovery of Organism (log 1)	7.1	100
7 days	1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)	No recovery of Organism (log 1)	7.1	100
30 Days	1.0 x 10 <sup>7</sup> cfu/mL (log 7.0)	No recovery of Organism (log 1)	7.0	100

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		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/10/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>		ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML		

**TEST RESULTS**

**ZOONO Z 71**

Test Organism: <i>Enterococcus faecalis</i>	Initial inoculum level (cfu/ml): 4.7 x 10 <sup>7</sup> cfu/mL (log 7.7)	24 Hrs. re inoculation inoculum level (cfu/ml): 3.9 x 10 <sup>7</sup> cfu/mL (log 7.5)	7 Days re inoculation inoculum level (cfu/ml): 3.0 x 10 <sup>7</sup> cfu/mL (log 7.4)	30 Days re inoculation inoculum level 1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)
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Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	9.0 x 10 <sup>5</sup> cfu/mL (log 6.0)	No recovery of Organism (log 1)	6.0	100
7 days	6.4 x 10 <sup>5</sup> cfu/mL (log 5.8)	No recovery of Organism (log 1)	5.8	100
30 Days	1.8x 10 <sup>5</sup> cfu/mL (log 5.3)	No recovery of Organism (log 1)	5.3	100
Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	3.9 x 10 <sup>7</sup> cfu/mL (log 7.5)	No recovery of Organism (log 1)	7.5	100
7 days	3.0 x 10 <sup>7</sup> cfu/mL (log 7.4)	No recovery of Organism (log 1)	7.4	100
30 Days	1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)	No recovery of Organism (log 1)	7.1	100

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		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>	Not Provided	<b>Sample Received Date:</b>	30/09/2020	
<b>Analysis Started Date:</b>	01/09/2020	<b>Analysis Completed Date:</b>	03/10/2020	
<b>Sampled By:</b>	Client	<b>Temp. on Receipt of Sample:</b>	24.2°C	
<b>Delivered By:</b>	Client	<b>Received By:</b>	PJ	
<b>Sample Type:</b>	Surface Sanitizer	<b>Sample Received Condition:</b>	Normal	
<b>Source of Sample/Sampling Point:</b>	Not Provided	<b>Tested By:</b>	PJ	
<b>Sampling Procedure:</b>	Not Provided	<b>Appearance of Sample:</b>	Liquid	
<b>Sample Container:</b>	Commercial bottle	<b>Treatment/Preservation:</b>	Normal	
<b>Description on Sample Label:</b>	ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML			

**TEST RESULTS**

**ZOONO Z 71**

Test Organism:	Initial inoculum level (cfu/ml):	24 Hrs. re inoculation inoculum level (cfu/ml):	7 Days re inoculation inoculum level (cfu/ml):	30 Days re inoculation inoculum level
<i>Listeria monocytogenes</i>	5.5 x 10 <sup>7</sup> cfu/mL (log 7.7)	5.1 x 10 <sup>7</sup> cfu/mL (log 7.7)	3.9 x 10 <sup>7</sup> cfu/mL (log 7.5)	1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)

  

Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	6.6 x 10 <sup>5</sup> cfu/mL (log 5.8)	No recovery of Organism (log 1)	5.8	100
7 days	4.8 x 10 <sup>5</sup> cfu/mL (log 5.7)	No recovery of Organism (log 1)	5.7	100
30 Days	2.1x 10 <sup>5</sup> cfu/mL (log 5.3)	No recovery of Organism (log 1)	5.3	100

  

Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	5.1 x 10 <sup>7</sup> cfu/mL (log 7.7)	No recovery of Organism (log 1)	7.7	100
7 days	3.9 x 10 <sup>7</sup> cfu/mL (log 7.5)	No recovery of Organism (log 1)	7.5	100
30 Days	1.3 x 10 <sup>7</sup> cfu/mL (log 7.1)	No recovery of Organism (log 1)	7.1	100

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		<b>Contact:</b>		Mr. Andre Mota
		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>		Not Provided	<b>Sample Received Date:</b> 30/09/2020	
<b>Analysis Started Date:</b>		01/09/2020	<b>Analysis Completed Date:</b> 03/10/2020	
<b>Sampled By:</b>		Client	<b>Temp. on Receipt of Sample:</b> 24.2°C	
<b>Delivered By:</b>		Client	<b>Received By:</b> PJ	
<b>Sample Type:</b>		Surface Sanitizer	<b>Sample Received Condition:</b> Normal	
<b>Source of Sample/Sampling Point:</b>		Not Provided	<b>Tested By:</b> PJ	
<b>Sampling Procedure:</b>		Not Provided	<b>Appearance of Sample:</b> Liquid	
<b>Sample Container:</b>		Commercial bottle	<b>Treatment/Preservation:</b> Normal	
<b>Description on Sample Label:</b>		ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML		

**TEST RESULTS**

ZOONO Z 71				
Test Organism: <i>Salmonella abony</i>	Initial inoculum level (cfu/ml): 5.0 x 10 <sup>7</sup> cfu/mL (log 7.7)	24 Hrs. re inoculation inoculum level (cfu/ml): 4.8 x 10 <sup>7</sup> cfu/mL (log 7.7)	7 Days re inoculation inoculum level (cfu/ml): 3.9 x 10 <sup>7</sup> cfu/mL (log 7.6)	30 Days re inoculation inoculum level 2.1 x 10 <sup>7</sup> cfu/mL (log 7.3)

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		<b>Address &amp; Location:</b>		Dubai, United Arab Emirates
<b>Sampling Date:</b>		Not Provided	<b>Sample Received Date:</b> 30/09/2020	
<b>Analysis Started Date:</b>		01/09/2020	<b>Analysis Completed Date:</b> 03/10/2020	
<b>Sampled By:</b>		Client	<b>Temp. on Receipt of Sample:</b> 24.2°C	
<b>Delivered By:</b>		Client	<b>Received By:</b> PJ	
<b>Sample Type:</b>		Surface Sanitizer	<b>Sample Received Condition:</b> Normal	
<b>Source of Sample/Sampling Point:</b>		Not Provided	<b>Tested By:</b> PJ	
<b>Sampling Procedure:</b>		Not Provided	<b>Appearance of Sample:</b> Liquid	
<b>Sample Container:</b>		Commercial bottle	<b>Treatment/Preservation:</b> Normal	
<b>Description on Sample Label:</b>		ZOONO; ZOONO Z-71 MICROBE SHIELD SURFACE SANITISER & PROTECTANT 250ML		

**TEST RESULTS**

Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Slide control (test organism only)	ZOONO Z 71 & Test organism		
24 Hrs	7.5 x 10 <sup>5</sup> cfu/mL (log 5.9)	No recovery of Organism (log 1)	5.9	100
7 days	5.2 x 10 <sup>5</sup> cfu/mL (log 5.7)	No recovery of Organism (log 1)	5.7	100
30 Days	1.0 x 10 <sup>5</sup> cfu/mL (log 5.0)	No recovery of Organism (log 1)	5.0	100
Contact time	Recovery level (cfu/ml)		Log reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu /ml)	% reduction between slide control recovery level and ZOONO Z 71 recovery level (cfu/ml)
	Initial inoculum control	ZOONO Z 71 & Test organism		
24 Hrs	4.8 x 10 <sup>7</sup> cfu/mL (log 7.7)	No recovery of Organism (log 1)	7.7	100
7 days	3.9 x 10 <sup>7</sup> cfu/mL (log 7.6)	No recovery of Organism (log 1)	7.6	100
30 Days	2.1 x 10 <sup>7</sup> cfu/mL (log 7.3)	No recovery of Organism (log 1)	7.3	100

Remarks: Analysis is performed based on Zoono treated inoculated substrate challenge testing protocol.

Reported by



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Chemist

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Results relates only to the items tested on samples submitted to Intertek Laboratories.

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Certain parameters such as pH, conductivity, microbiology etc, need to be performed soon after sample collection. This report reflects results obtained upon receipt of sample at our laboratory, hence precision data of the test results obtained may not apply.

F&W Lab QA

SHR/F&W QA-025

Issue No:2 / Issue Date:25/07/2017

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