

### CERTIFICATE OF ANALYSIS

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#### CUSTOMER

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LE13 0PB

#### CERTIFICATE NO.

1043069.555/15994

#### CUSTOMER REF.

MBE4782

#### SAMPLE DETAILS

ROSSLARE

#### DATE RECEIVED

22/09/2021

#### ORDER NO.

**METHOD:** Determination of Antibacterial Activity using Test Based on MOD ISO 22196

#### DATE ANALYSED

29/09/2021

#### DATE REPORTED

01/10/2021

#### RESULTS (AS CFU CM<sup>-2</sup>)

SAMPLE	SPECIES	CONTACT TIME		REDUCTION (CONTROL)	
		0 hrs	24 hrs	Log 10	%
KEYPAD COATING : CONTROL	<i>E. coli</i>	1.6E+04	1.1E+05		
KEYPAD COATING : 0.5% ZO1-8180-250	<i>E. coli</i>	1.6E+04	< 1.00	≥ 5.05	≥ 99.99%
KEYPAD COATING : 0.75% ZO1-8180-250	<i>E. coli</i>	1.6E+04	< 1.00	≥ 5.05	≥ 99.99%
KEYPAD COATING : CONTROL	<i>S. aureus</i>	1.5E+04	7.6E+03		
KEYPAD COATING : 0.5% ZO1-8180-250	<i>S. aureus</i>	1.5E+04	< 1.00	≥ 3.88	≥ 99.99%
KEYPAD COATING : 0.75% ZO1-8180-250	<i>S. aureus</i>	1.5E+04	< 1.00	≥ 3.88	≥ 99.99%

Key: NS = Poor survival on control supplied.

The above data show the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the control sample.

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