

# LG ELECTRONICS CO., LTD.

## TEST REPORT

**SCOPE OF WORKS**

STERILIZATION PERFORMANCE TEST OF HYGH TEMP.CYCLE

**REPORT NUMBER**

RT20E-S0009

**ISSUE DATE**

26-MAY-2020

**PAGES**

23

**DOCUMENT CONTROL NUMBER**

ISTC-QP-FM-25-04 Rev.1

© 2017 INTERTEK



## TEST REPORT FOR LG ELECTRONICS CO., LTD.

Report No.: RT20E-S0009

Date: MAY. 26, 2020

### OBJECTIVE

The purpose of the testing is:

Dryer High Temp. Evaluation of sterilization rate of cycle (40 minutes, 100 minutes)

### HYPOTHESIS

Dryer High Temp. Cycle (40 minutes, 100 minutes) can remove more than 99.9% of bacteria from laundry.

### CONCLUSION

Based on the data collected, the Hypothesis is accepted:

Dryer High Temp. Cycle (40 minutes, 100 minutes) can remove more than 99.9% of *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae* and *Salmonella enteritidis* from laundry, and more than 99% of *Staphylococcus aureus*.

Suyeon Park

ENGINEER



Bo Park

REVIEWER



Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk. This report shall not be reproduced, except in full.

## SECTION 1

### INDEX

SECTION NAMES	PAGE
Objective	4
Parameters	4
Product/Model Description	5
Sample acquisition	5
Hypothesis	5
Equipment	6
Technical staff	6
Test procedure	7
Test result	8-12
Conclusion	12
Appendix I. Photo of model	13
Appendix II. Label	13
Appendix III. Photos of result	14-23

Date: MAY. 26, 2020

**SECTION 2****OBJECTIVE**

The purpose of the testing is:

Dryer High Temp. Evaluation of sterilization rate of cycle (40 minutes, 100 minutes)

**SECTION 3****PARAMETERS**

The following parameters are controlled

VALUE	DESCRIPTION	UNITS	METHOD	MU
23 ± 5	Test room temperature	°C	Data logger	± 0.2 °C (Approx. 95 %, k=2)
65 ± 20	Test room humidity	% R.H.	Data logger	± 20 % (Approx. 95 %, k=2)
35-37	Incubated Temperature	°C	Data logger	± 2.0 °C (Approx. 95 %, k=2)

The following parameters are monitored

VALUE	DESCRIPTION	UNITS	METHOD	MU
23 ± 5	Test room temperature	°C	Data logger	± 0.2 °C (Approx. 95 %, k=2)
65 ± 20	Test room humidity	% R.H.	Data logger	± 20 % (Approx. 95 %, k=2)
35-37	Incubated Temperature	°C	Data logger	± 2.0 °C (Approx. 95 %, k=2)

Date: MAY. 26, 2020

**SECTION 4****PRODUCT/MODEL DESCRIPTION**

PRODUCT INFORMATION : Giant-C Electric Dryer

MODEL : RV1029A4S

Note :

1. The model RV1029A4S was selected as a representative tested model. Refer to the model similarity below.

2. In the model name RV1\*29\*\*\*\*, the suffix (\*) is variable as below.

- The 1<sup>st</sup> suffix "\*" : Country (0-Korea, 3-Global)
- The 2<sup>nd</sup> suffix "\*" : Product Color (A to Z)
- The 3<sup>rd</sup> suffix "\*" : Payment type (blank or A to Z)
- The 4<sup>th</sup> suffix "\*" : Layout (1 to 9)
- The 5<sup>th</sup> suffix "\*" : Model Type (A to Z)

3. In the model name CDG27\*\*\*E\*the suffix (\*) is variable as below.

- The 1<sup>st</sup> suffix "\*" : Model Type (A to Z)
- The 2<sup>nd</sup> suffix "\*" : Layout (A to Z)
- The 3<sup>rd</sup> suffix "\*" : Payment type (A to Z)
- The 4<sup>th</sup> suffix "\*" : Product Color (A to Z)

**SECTION 5****SAMPLE ACQUISITION**

Sample(s) was supplied by the applicant:

SAMPLE #	DESCRIPTION	MODEL	PURCHASE LOCATION	DATE	CONDITION
1	Giant-C Electric Dryer	RV1029A4S	Prepared by LG	-	Packaged and undamaged

**SECTION 6****HYPOTHESIS**

Dryer High Temp. Cycle (40 minutes, 100 minutes) can remove more than 99.9% of bacteria from laundry.

Date: MAY. 26, 2020

**SECTION 7****EQUIPMENT LIST**

EQUIPMENT	MANUFACTURER	MODEL NO.	CALIBRATION DATE	CALIBRATION DUE
Auto clave	JEIOTECH	ST-105G	2020.04.24	2021.04.24
Incubator	JEIOTECH	1L-11	2019.08.29	2020.08.28
Thermometer	ELITECH	RC-4HC	2019.12.12	2020.12.12
hydrometer	ELITECH	RC-4HC	2019.12.12	2020.12.12
Pipet (1000)	Eppendorf	-	2020.03.02	2021.03.02
Balance	AND	CB-2000	2019.08.05	2020.08.04
Balance	AND	FX-5000i	2019.08.05	2020.08.05
Clean bench	SEOJIN	-	-	-
Colony counter	Hwashin	350CL	-	-

**SECTION 8****TECHNICAL STAFF**

#	Staff Name	Area of Expertise
1	Suyeon Park	Technical Manager / Intertek Testing Korea Ltd.
2	Bo Park	Laboratory Director / Intertek Testing Korea Ltd.
<b>Note: Complete training records for staff are available upon request</b>		

Testing was conducted at:

Intertek Testing Services Korea Ltd. 4/F, A-JU Digital Tower, 7, Ahasan-ro 5 -gil, Seongdong-gu, Seoul, Korea

Date: MAY. 26, 2020

**SECTION 9****TEST PROCEDURE****9.1 Test Set up :**

Items		Requirement	Condition
Electrical Supply	Voltage	(220 ± 0.04) V	(220 ± 0.04) V
	Frequency	(60 ± 0.08) Hz	(60 ± 0.08) Hz
Ambient Temperature		(23 ± 2) °C	(23 ± 2) °C
Ambient humidity		(50 ± 5) % R.H.	(50 ± 5) % R.H.
Case 1		High Temp. Cycle 40minute	
Case 2		High Temp. Cycle 100minute	

**9.2 Test method**

## 9.2.1 Microorganisms

9.2.1.1 *Staphylococcus aureus* ATCC 65389.2.1.2 *Pseudomonas aeruginosa* ATCC 90279.2.1.3 *Escherichia coli* ATCC 87399.2.1.4 *Klebsiella pneumoniae* ATCC 43529.2.1.5 *Salmonella enteritidis* KCCM 12021

## 9.2.2 Preparation of test

9.2.2.1 Test Load : IEC load, 3.75kg (Sheet 2ea, Pillowcases 6ea, Towels 19ea) Towel is used for weight correction.

9.2.2.2 Preparation of test piece : IEC load, Positive control 2ea, Negative control 2ea, Test 3ea  
Five types of bacteria were incubated in TSB at 35 to 37 ° C for 24 hours, and the inoculation concentrations of 10<sup>9</sup> ~ 10<sup>10</sup> CFU / mL were prepared by inoculating 2 mL of positive control and test.

## 9.2.3 Test progress

9.2.3.1 Bone dry test load and all specimens are sterilized under conditions of 121 °C and 15 psi for 15 minutes.

9.2.3.2 Positive control Specimen bacteria 2mL Immediately after inoculation, measure the number of microorganism.

9.2.3.3 After inoculation of 2mL of test specimens, the test load and the IEC standard detergent are put into the washing machine together to carry out the test course.

9.2.3.4 Measure the number of microorganism in the test specimen.

9.2.3.5 After the test course is conducted, the test load and the negative specimen are introduced to proceed with the blowing course for 20 minutes.

9.2.3.6 Measure the number of microorganism a negative specimen.

## 9.2.4 Evaluated the data as below Calculation.

9.2.4.1 Percent reduction =  $[(a-b)/a] \times 100$ *a* : the microorganism number of before Hygiene course*b* : the microorganism number of after Hygiene course

Date: MAY. 26, 2020

**SECTION 10****TEST RESULT**

&lt;Case 1&gt;

**1. Test****1.1 *Staphylococcus aureus***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Positive control	$5.1 \times 10^6$	$5.0 \times 10^6$	$2.4 \times 10^8$	$2.5 \times 10^8$	$1.8 \times 10^8$	$2.0 \times 10^8$
	$4.9 \times 10^6$		$2.5 \times 10^8$		$2.1 \times 10^8$	
Test 1	$3.4 \times 10^4$	$4.8 \times 10^4$	$1.1 \times 10^6$	$1.1 \times 10^6$	$1.7 \times 10^6$	$1.8 \times 10^6$
Test 2	$7.6 \times 10^4$		$1.2 \times 10^6$		$1.7 \times 10^6$	
Test 3	$3.4 \times 10^4$		$1.1 \times 10^6$		$2.0 \times 10^6$	
Reduction rate (%)	99.0		99.5		99.1	

**1.2 *Pseudomonas aeruginosa***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Positive control	$2.6 \times 10^7$	$6.8 \times 10^8$	$2.3 \times 10^9$	$2.0 \times 10^9$	$1.4 \times 10^8$	$1.9 \times 10^8$
	$1.1 \times 10^8$		$1.6 \times 10^9$		$2.3 \times 10^8$	
Test 1	$1.8 \times 10^2$	$9.3 \times 10^1$	$5.7 \times 10^2$	$1.4 \times 10^3$	$4.8 \times 10^2$	$8.5 \times 10^2$
Test 2	$4.5 \times 10^1$		$2.8 \times 10^3$		$1.7 \times 10^3$	
Test 3	$5.5 \times 10^1$		$9.5 \times 10^2$		$3.8 \times 10^2$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**1.3 *Escherichia coli***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Positive control	$1.6 \times 10^8$	$1.6 \times 10^8$	$8.2 \times 10^8$	$8.5 \times 10^8$	$1.0 \times 10^9$	$9.7 \times 10^8$
	$1.5 \times 10^8$		$8.7 \times 10^8$		$9.3 \times 10^8$	
Test 1	$9.4 \times 10^3$	$7.9 \times 10^3$	$1.9 \times 10^4$	$1.6 \times 10^4$	$1.4 \times 10^3$	$1.5 \times 10^3$
Test 2	$1.0 \times 10^4$		$1.0 \times 10^4$		$1.9 \times 10^3$	
Test 3	$4.3 \times 10^3$		$1.8 \times 10^4$		$1.1 \times 10^3$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	



Date: MAY. 26, 2020

**1.4 *Klebsiella pneumoniae***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Positive control	$1.2 \times 10^7$	$1.2 \times 10^7$	$2.5 \times 10^8$	$3.3 \times 10^8$	$3.6 \times 10^8$	$3.6 \times 10^8$
	$1.2 \times 10^7$		$4.1 \times 10^8$		$3.6 \times 10^8$	
Test 1	$1.2 \times 10^2$	$1.6 \times 10^2$	$1.6 \times 10^4$	$8.0 \times 10^3$	$5.2 \times 10^2$	$5.3 \times 10^2$
Test 2	$2.7 \times 10^2$		$5.6 \times 10^3$		$4.1 \times 10^2$	
Test 3	$9.5 \times 10^1$		$2.5 \times 10^3$		$6.7 \times 10^2$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**1.5 *Salmonella enteritidis***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Positive control	$5.1 \times 10^7$	$4.8 \times 10^7$	$2.2 \times 10^8$	$2.8 \times 10^8$	$6.9 \times 10^8$	$6.6 \times 10^8$
	$4.5 \times 10^7$		$3.3 \times 10^8$		$6.2 \times 10^8$	
Test 1	$3.0 \times 10^4$	$2.5 \times 10^4$	$1.5 \times 10^5$	$1.6 \times 10^5$	$3.8 \times 10^4$	$5.4 \times 10^4$
Test 2	$2.6 \times 10^4$		$1.7 \times 10^5$		$3.8 \times 10^4$	
Test 3	$1.9 \times 10^4$		$1.6 \times 10^5$		$8.7 \times 10^4$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**2. Negative control****2.1 *Staphylococcus aureus***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Negative control	$5.0 \times 10^0$	$8.0 \times 10^0$	$2.5 \times 10^1$	$2.0 \times 10^1$	$1.5 \times 10^1$	$1.5 \times 10^1$
	$1.0 \times 10^1$		$1.5 \times 10^1$		$1.5 \times 10^1$	

**2.2 *Pseudomonas aeruginosa***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Negative control	$5.0 \times 10^0$	$8.0 \times 10^0$	0	0	$5.0 \times 10^0$	$8.0 \times 10^0$
	$1.0 \times 10^1$		0		$1.0 \times 10^1$	

**2.3 *Escherichia coli***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Negative control	$2.0 \times 10^1$	$1.0 \times 10^1$	$4.5 \times 10^1$	$7.8 \times 10^1$	$5.0 \times 10^0$	$5.0 \times 10^0$
	0		$1.1 \times 10^2$		$5.0 \times 10^0$	

Date: MAY. 26, 2020

**2.4 *Klebsiella pneumoniae***

(Unit : CFU/ml)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Negative control	$2.5 \times 10^1$	$1.8 \times 10^1$	$3.0 \times 10^1$	$3.0 \times 10^1$	0	$3.0 \times 10^0$
	$1.0 \times 10^1$		$3.0 \times 10^1$		$5.0 \times 10^0$	

**2.5 *Salmonella enteritidis***

(Unit : CFU/mL)

	Repeat #1		Repeat #2		Repeat #3	
	Result	Average	Result	Average	Result	Average
Negative control	$2.5 \times 10^1$	$2.8 \times 10^1$	$1.0 \times 10^1$	$2.0 \times 10^1$	$2.0 \times 10^1$	$1.0 \times 10^1$
	$3.0 \times 10^1$		$3.0 \times 10^1$		0	

<case 2>

**1. Test**

**1.1 *Staphylococcus aureus***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Positive control	$2.3 \times 10^8$	$2.4 \times 10^8$	$6.7 \times 10^7$	$7.2 \times 10^7$	$8.7 \times 10^7$	$1.6 \times 10^8$
	$2.5 \times 10^8$		$8.1 \times 10^7$		$2.3 \times 10^8$	
Test 1	$1.1 \times 10^6$	$1.0 \times 10^6$	$3.4 \times 10^5$	$5.1 \times 10^5$	$6.9 \times 10^5$	$5.8 \times 10^5$
Test 2	$1.2 \times 10^6$		$6.4 \times 10^5$		$6.6 \times 10^5$	
Test 3	$9.0 \times 10^5$		$5.4 \times 10^5$		$3.9 \times 10^5$	
Reduction rate (%)	99.6		99.3		99.6	

**1.2 *Pseudomonas aeruginosa***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Positive control	$1.4 \times 10^8$	$1.4 \times 10^8$	$1.1 \times 10^8$	$8.5 \times 10^7$	$5.1 \times 10^8$	$5.2 \times 10^8$
	$1.4 \times 10^8$		$6.0 \times 10^7$		$5.2 \times 10^8$	
Test 1	$7.0 \times 10^1$	$7.0 \times 10^1$	$8.5 \times 10^1$	$7.3 \times 10^1$	$1.8 \times 10^3$	$1.0 \times 10^3$
Test 2	$6.5 \times 10^1$		$5.5 \times 10^1$		$9.3 \times 10^2$	
Test 3	$7.5 \times 10^1$		$8.0 \times 10^1$		$3.8 \times 10^2$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

Date: MAY. 26, 2020

**1.3 Escherichia coli**

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Positive control	$5.8 \times 10^8$	$6.1 \times 10^8$	$1.6 \times 10^8$	$1.9 \times 10^8$	$4.5 \times 10^8$	$5.2 \times 10^8$
	$6.3 \times 10^8$		$2.1 \times 10^8$		$5.9 \times 10^8$	
Test 1	$7.0 \times 10^2$	$9.6 \times 10^2$	$6.0 \times 10^3$	$3.7 \times 10^3$	$6.8 \times 10^3$	$5.4 \times 10^3$
Test 2	$7.9 \times 10^2$		$2.5 \times 10^3$		$6.8 \times 10^3$	
Test 3	$1.4 \times 10^3$		$2.7 \times 10^3$		$2.5 \times 10^3$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**1.4 Klebsiella pneumoniae**

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Positive control	$7.6 \times 10^8$	$6.6 \times 10^8$	$1.8 \times 10^8$	$1.9 \times 10^8$	$5.4 \times 10^8$	$7.1 \times 10^8$
	$5.5 \times 10^8$		$1.9 \times 10^8$		$8.7 \times 10^8$	
Test 1	$1.8 \times 10^3$	$1.1 \times 10^3$	$4.1 \times 10^2$	$3.5 \times 10^2$	$5.4 \times 10^2$	$5.6 \times 10^2$
Test 2	$6.6 \times 10^2$		$3.8 \times 10^2$		$6.0 \times 10^2$	
Test 3	$8.8 \times 10^2$		$2.6 \times 10^2$		$5.3 \times 10^2$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**1.5 Salmonella enteritidis**

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Positive control	$9.3 \times 10^8$	$9.7 \times 10^8$	$5.8 \times 10^8$	$5.6 \times 10^8$	$4.8 \times 10^8$	$6.8 \times 10^8$
	$1.0 \times 10^9$		$5.3 \times 10^8$		$8.7 \times 10^8$	
Test 1	$1.3 \times 10^4$	$2.1 \times 10^4$	$3.2 \times 10^3$	$4.2 \times 10^3$	$3.5 \times 10^3$	$1.2 \times 10^4$
Test 2	$2.1 \times 10^4$		$3.9 \times 10^3$		$2.3 \times 10^4$	
Test 3	$2.9 \times 10^4$		$5.6 \times 10^3$		$9.7 \times 10^3$	
Reduction rate (%)	> 99.9		> 99.9		> 99.9	

**2. Negative control****2.1 Staphylococcus aureus**

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Negative control	0	0	0	$3.0 \times 10^0$	0	$3.0 \times 10^0$
	0		$5.0 \times 10^0$		$5.0 \times 10^0$	

Date: MAY. 26, 2020

**2.2 *Pseudomonas aeruginosa***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Negative control	0	$3.0 \times 10^0$	0	0	0	$8.0 \times 10^0$
	$5.0 \times 10^0$		0		$1.5 \times 10^1$	

**2.3 *Escherichia coli***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Negative control	0	$1.3 \times 10^1$	0	$3.0 \times 10^0$	$5.0 \times 10^0$	$3.0 \times 10^0$
	$2.5 \times 10^1$		$5.0 \times 10^0$		0	

**2.4 *Klebsiella pneumoniae***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Negative control	$2.0 \times 10^1$	$1.3 \times 10^1$	$1.5 \times 10^1$	$1.0 \times 10^1$	$2.5 \times 10^1$	$1.3 \times 10^1$
	$5.0 \times 10^0$		$5.0 \times 10^0$		0	

**2.5 *Salmonella enteritidis***

(Unit : CFU/mL)

	Repeat #4		Repeat #5		Repeat #6	
	Result	Average	Result	Average	Result	Average
Negative control	0	$5.0 \times 10^0$	0	0	0	0
	$1.0 \times 10^1$		0		0	

**SECTION 11****Conclusion**

Based on the data collected the Hypothesis is accepted:

Dryer High Temp. Cycle (40 minutes, 100 minutes) can remove more than 99.9% of *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae* and *Salmonella enteritidis* from laundry, and more than 99% of *Staphylococcus aureus*.

- End -

Date: MAY. 26, 2020

APPEXDIX I. PHOTOS OF SAMPLE



<Front view>

APPEXDIX II. Label



<Rating ravel>

Date: MAY. 26, 2020

Appendix III. Photos of result

<Case1>

1. *Staphylococcus aureus*

	Repeat #1	Repeat #2	Repeat #3
Positive control			
test			
Negative control			



Date: MAY. 26, 2020

2. *Pseudomonas aeruginosa*

	Repeat #1	Repeat #2	Repeat #3
Positive control			
test			
Negative control			

Date: MAY. 26, 2020

3. *Escherichia coli*

	Repeat #1	Repeat #2	Repeat #3
Positive control			
test			
Negative control			



Date: MAY. 26, 2020

4. *Klebsiella pneumoniae*

	Repeat #1	Repeat #2	Repeat #3
Positive control			
test			
Negative control			

Date: MAY. 26, 2020

5. *Salmonella enteritidis*

	Repeat #1	Repeat #2	Repeat #3
Positive control			
test			
Negative control			



Date: MAY. 26, 2020

<Case 2>

1. *Staphylococcus aureus*

	Repeat #4	Repeat #5	Repeat #6
Positive control			
test			
Negative control			

Date: MAY. 26, 2020

2. *Pseudomonas aeruginosa*

	Repeat #4	Repeat #5	Repeat #6
Positive control			
test			
Negative control			



Date: MAY. 26, 2020

3. *Escherichia coli*

	Repeat #4	Repeat #5	Repeat #6
Positive control			
test			
Negative control			

Date: MAY. 26, 2020

4. *Klebsiella pneumoniae*

	Repeat #4	Repeat #5	Repeat #6
Positive control			
test			
Negative control			



Date: MAY. 26, 2020

5. *Salmonella enteritidis*

	Repeat #4	Repeat #5	Repeat #6
Positive control			
test			
Negative control			