

Intertek No. 68-69, Udyog Vihar Phase -I, Gurgaon- 122 016, Haryana, India

Tel +91 124 484 0600 Fax +91 124 414 7881 intertek.com

# Intertek India Pvt. Ltd. (Food Services)

**TEST REPORT** 

Doc. No. IFSG/RE/QU/005

**ISSUED TO** 

**N9 World Technologies Private Limited** 

Plot No.53-57, IVth Phase,

Plot No.53-57, IVth Phase, Yerandahalli,

Off Jigani Road, Bommasandra, Bangalore, India - 560 099

Kind Attn: Mr. Naveen

LAB REFERENCE No : IFS-180828056-057

Issue Date

: 06/09/2018

Your Ref

: Letter

Dated

: 23/08/2018

Sample Particulars: Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box

Page 1 of 3

Sample Registration Date: 28/08/2018 Analysis starting Date

:28/08/2018

Analysis Completion Date : 06/09/2018

Name of the Product

: Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box : 2 Pc

**Quantity Received** Sample Details

: ATF 0058, Client: Kewalraj And Company

**Tests Required** 

: Microbiological Test

Sampling done by

: Sample not drawn by Intertek

SAMPLE TESTED AS RECEIVED

Reporting code: FS/CR/APS;



Sample Pic





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### Name of Test:

Evaluation of Antimicrobial activity of Plastic treated Tooth brush Box.

#### **Test Method:**

JIS Z 2801: 2010; Quantitative Method

#### Sample Particulars:

Untreated Plastic Tooth brush Box and N9 Plastic treated Tooth brush Box.

# **ANTIBACTERIAL ACTIVITY**

## 1. Test Bacteria: Staphylococcus aureus

Quantitative Assessi	ment of Activity- JIS	Z 2801: 2010			
Untreated: Concentration of Inoculum in untreated(Uo): 6.41 X 10 <sup>6</sup> CFU/ml					
Untreated: Concentration after 24 hour of incubation (Ut): 3.35 X 10 <sup>6</sup> CFU/ml					
No bacteria recovered in untreated (Ut)					
Antibacterial Activity: R=(Ut –Uo)-(At-Uo)					
No. of Bacteria	Log Bacteria	Antibacterial Activity(R)	Microbial Kill		
Recovered(At)	recovered (At)	(value criteria : not less than 2)	(% Reduction)		
5900	3.77	2.8	99.8		
	in untreated(Uo): 6.4 r of incubation (Ut): 3 t) Jo) No. of Bacteria Recovered(At)	in untreated(Uo): 6.41 X 10 <sup>6</sup> CFU/ml r of incubation (Ut): 3.35 X 10 <sup>6</sup> CFU/ml t) Jo) No. of Bacteria Recovered(At) Log Bacteria recovered (At)	r of incubation (Ut): 3.35 X 10 <sup>6</sup> CFU/ml  t)  Jo)  No. of Bacteria Log Bacteria Antibacterial Activity(R) Recovered(At) recovered (At) (value criteria : not less than 2)		

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Registered Office Intertek India Pvt. Ltd. E-20, Block- B1, Mohan Co-operative Industrial Area, Mathura Road, New Delhi - 110044, India

CIN No.: U74220DL1997PTC202243



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Sample Particulars: Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box

Page 3 of 3

Sample Registration Date: 28/08/2018

Analysis starting Date

: 28/08/2018

Analysis Completion Date : 06/09/2018 : Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box

Name of the Product Quantity Received

: 2 Pc

Sample Details

: ATF 0058, Client: Kewalraj And Company

**Tests Required** 

: Microbiological Test

Sampling done by

: Sample not drawn by Intertek

SAMPLE TESTED AS RECEIVED

Reporting code: FS/CR/APS;

#### 2. Test Bacteria: Escherichia Coli

Quantitative Assessment of Activity- JIS Z 2801: 2010						
Concentration of Inoculum in untreated(Uo): 4.73 X 10 <sup>5</sup> CFU/ml						
Concentration after 24 hour of incubation (Ut):3.8 X 10 <sup>4</sup> CFU/ml						
No bacteria recovered in untreated (Ut)						
Antibacterial Activity: R=(Ut –Uo)-(At-Uo)						
Sample Identification	No. of Bacteria	Log Bacteria	Antibacterial Activity	Microbial Kill		
	Recovered(At)	recovered (At)	(value criteria : not less than 2)	(% Reduction)		
N9 Plastic treated Tooth brush Box	290	2.5	2.07	99		
ATF 0058						
Client: Kewalraj And Company						

### **Test Report:**

The standard Antimicrobial value of Evaluation: R > 2

### Conclusion:

When tested as specified, N9 Plastic treated Tooth brush Box PASSES the quantitative assessment of activity tested as per JIS Z 2801: 2010 test method.

Note: The above results pertain only to the sample tested and applicable parameter.

\*\*\*\*\*\*END OF TEST REPORT\*\*\*\*\*

CANDEFER

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