

## 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

LAB REFERENCE No : IFS-180828056-057  
Issue Date : 06/09/2018  
Your Ref : Letter  
Dated : 23/08/2018

Kind Attn: Mr. Naveen

### 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  
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;



Sample Pic

## 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

LAB REFERENCE No : IFS-180828056-057  
Issue Date : 06/09/2018  
Your Ref : Letter  
Dated : 23/08/2018

Kind Attn: Mr. Naveen

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

Page 2 of 3

Sample Registration Date : 28/08/2018  
Analysis starting Date : 28/08/2018  
Name of the Product : Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box  
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  
Analysis Completion Date : 06/09/2018  
Reporting code: FS/CR/APS;

**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 Assessment of Activity- JIS Z 2801: 2010**

<b>Untreated:</b> Concentration of Inoculum in untreated(Uo): 6.41 X 10 <sup>6</sup> CFU/ml		<b>Log = 6.8</b>		
<b>Untreated:</b> Concentration after 24 hour of incubation (Ut): 3.35 X 10 <sup>6</sup> CFU/ml		<b>Log =6.52</b>		
<b>No bacteria recovered in untreated (Ut)</b>		<b>3350000</b>		
<b>Antibacterial Activity: R=(Ut –Uo)-(At-Uo)</b>				
Sample Identification	No. of Bacteria Recovered(At)	Log Bacteria recovered (At)	Antibacterial Activity(R) (value criteria : not less than 2)	Microbial Kill (% Reduction)
N9 Plastic treated Tooth brush Box ATF 0058 Client: Kewalraj And Company	5900	3.77	2.8	99.8

## 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

LAB REFERENCE No : IFS-180828056-057  
Issue Date : 06/09/2018  
Your Ref : Letter  
Dated : 23/08/2018

Kind Attn: Mr. Naveen

**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  
Name of the Product : Untreated Tooth brush Box & N9 Plastic treated Tooth brush Box  
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		Log = 5.67		
Concentration after 24 hour of incubation (Ut):3.8 X 10 <sup>4</sup> CFU/ml		Log = 4.57		
No bacteria recovered in untreated (Ut)		25000		
Antibacterial Activity: R=(Ut -Uo)-(At-Uo)				
Sample Identification	No. of Bacteria Recovered(At)	Log Bacteria recovered (At)	Antibacterial Activity (value criteria : not less than 2)	Microbial Kill (% Reduction)
N9 Plastic treated Tooth brush Box ATF 0058 Client: Kewalraj And Company	290	2.5	2.07	99

**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\*\*\*\*\*



(Authorized Signatory)



GANDEEP TYAGI