

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

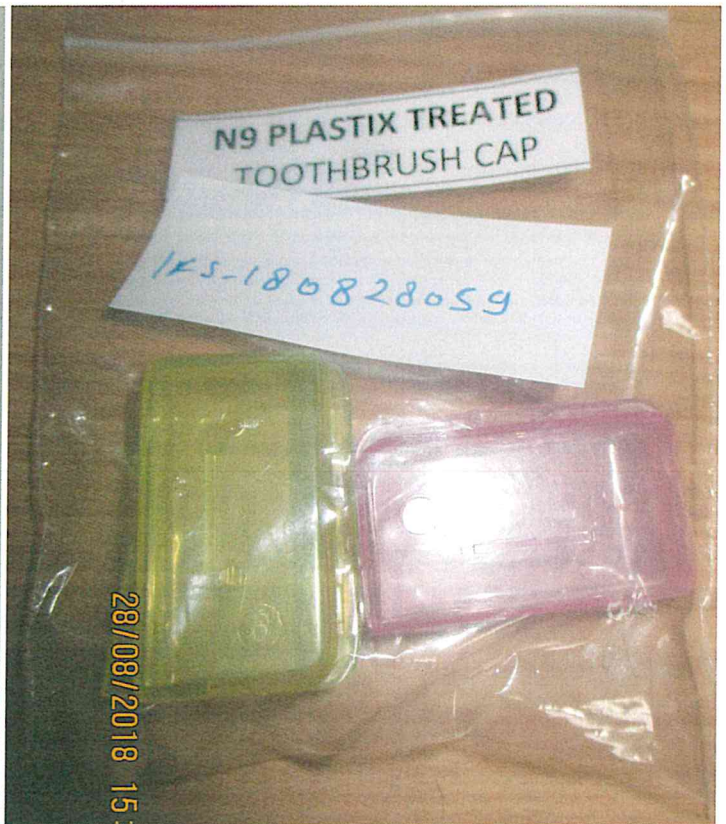
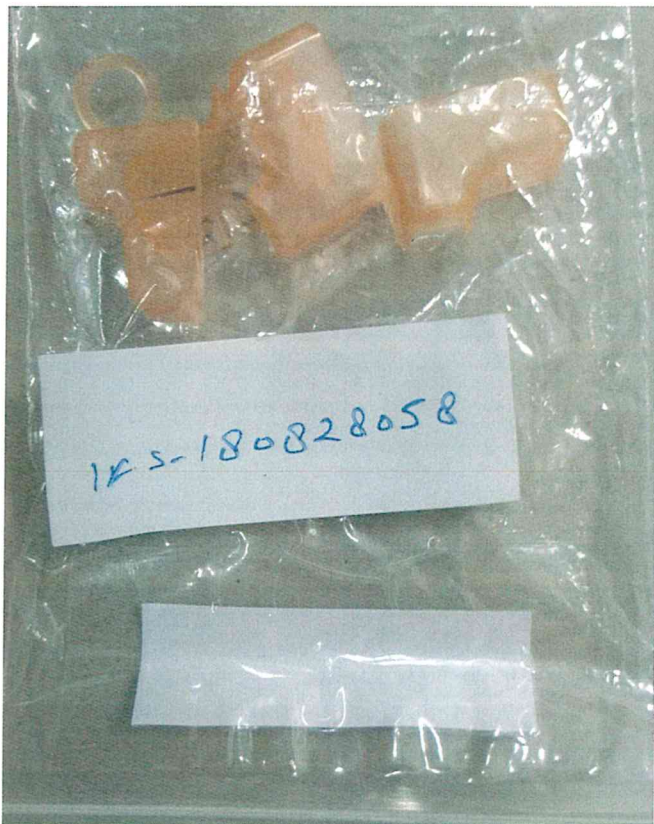
LAB REFERENCE No : IFS-180828058-059
Issue Date : 06/09/2018
Your Ref : Letter
Dated : 23/08/2018

Kind Attn: Mr. Naveen

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

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 Cap & N9 Plastic treated Tooth brush Cap
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



(Authorized Signatory)

SANDEEP TYAGI
Section In-charge

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Name of Test:

Evaluation of Antimicrobial activity of N9 Plastic treated Tooth brush Cap.

Test Method:

JIS Z 2801: 2010; Quantitative Method

Sample Particulars:

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

ANTIBACTERIAL ACTIVITY

1. Test Bacteria : Staphylococcus aureus

Quantitative Assessment of Activity- JIS Z 2801: 2010

Untreated: Concentration of Inoculum in untreated(Uo): 5.72 X 10⁶ CFU/ml					Log = 6.76
Untreated: Concentration after 24 hour of incubation (Ut): 4.28 X 10⁶ CFU/ml					Log =6.63
No bacteria recovered in untreated (Ut)					4280000
Antibacterial Activity: R=(Ut –Uo)-(At-Uo)					
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 Cap ATF 0058 Client: Kewalraj And Company	930	2.97	3.66	99.9	



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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): 4.92 X 10 ⁵ CFU/ml		Log = 5.69		
Concentration after 24 hour of incubation (Ut):3.88 X 10 ⁵ CFU/ml		Log = 5.59		
No bacteria recovered in untreated (Ut)		388000		
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 Cap ATF 0058 Client: Kewalraj And Company	1600	3.20	2.39	99.6

Test Report:

The standard Antimicrobial value of Evaluation: R > 2

Conclusion:

When tested as specified, N9 Plastic treated Tooth brush Cap 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)

SANDEEP TYAGI
Section In-charge