

**TEST REPORT**



**ORIGINAL SAMPLE**



**TEST REPORT**

**APPLICANT:** ALL TIME PLASTICS PVT.LTD.  
PLOT NO. 377/1/1&2), KACHIGAM, CHAR RASTA, DAMAN - 396210

**ATTN:** ZARIR PATEL

SAMPLE DESCRIPTION : MIXING BOWL 25 (3750 ML)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021

BUYER'S NAME : --

BUYING AGENT/ CONTACT : --

ITEM CODE : 408257-18

HSN CODE : 39241090

BARCODE : 8902084019010

COLOR : INDIGO

END USE : --

COUNTRY OF ORIGIN : --

COUNTRY OF DESTINATION : --

MANUFACTURER'S NAME : ALL TIME PLASTICS PVT. LTD.

**TESTS CONDUCTED:** AS PER THE REQUEST BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

**CONCLUSION:**

<b><u>TESTED SAMPLE</u></b>	<b><u>STANDARD</u></b>	<b><u>RESULT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>TOTAL LEAD CONTENT</b> (WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63)	<b>M</b>
	<b>TOTAL CADMIUM CONTENT</b> (AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)	<b>M</b>
	<b>BISPHENOL-A CONTENT TEST</b> (BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)	<b>M</b>
	<b>DISHWASHER SAFE TEST</b> (AS PER IN-HOUSE TEST METHOD)	<b>M</b>
	<b>MICROWAVE SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>
	<b>OVERALL MIGRATION</b> (IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF HEAVY METALS</b> (IS 9845)	<b>M</b>
	<b>COLOUR MIGRATION TEST:</b> (AS PER TEST METHOD: IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF PHTHALATES</b> (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)	<b>M</b>



NUMBER : DELH21012716- G

**TEST REPORT**

DATE : 15<sup>TH</sup> SEP, 2021

NOTE: M = MEET CLIENT'S REQUIREMENT  
# = NO SPECIFIED REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT  
N/A = NOT APPLICABLE

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009897, HENCE TEST RESULT HAS BEEN REFERRED FROM THE SAME REPORT.

FOR INTERTEK INDIA PVT. LTD

*Sanjay Sadana*

SANJAY SADANA  
TECHNICAL MANAGER – HARDLINE



**TEST REPORT**

**TEST CONDUCTED:**

**1. TOTAL LEAD CONTENT IN SUBSTRATE**

TEST REGULATION: WITH REFERENCE TO EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63

TEST METHOD: ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	INDIGO PLASTIC: <10PPM	< 500 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 63

**2. TOTAL CADMIUM CONTENT IN SUBSTRATE**

TEST REGULATION: EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23  
TEST METHOD: WITH REF. TO EN112-ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	INDIGO PLASTIC: <10PPM	<100 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 23

**3. BISPHENOL-A CONTENT TEST:**

(BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)

<u>TESTED COMPONENT</u>	<u>RESULTS</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	<b>COMPLIES</b> INDIGO PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM

**TEST REPORT**

**4. DISHWASHER SAFE TEST:**

REFERENCE: IN-HOUSE TEST METHOD

TESTING CONDITIONS:

- (1) SELECTED CYCLE: NORMAL
- (2) CYCLE DURATION: 120 MINUTES (APROX.)
- (3) TEMPERATURE CONDITION: 60°C (APROX.)
- (4) DETERGENT USED: CASCADE
- (5) NO. OF CYCLES: 10 CYCLES

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b> NO VISUAL CHANGE OBSERVED	SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE.

**5. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b>	SHALL NOT SHOW ANY CRACKING/CRAZING, MELTING, DEFORMATION OR OTHER UNUSUAL CHANGES. TEMPRATURE OF HANDLE OR SURFACE SHALL NOT EXCEED THE FOLLOWING LIMITS. Ceramic, Glass-Ceramic or Glass: 56°C Plastic: 60°C



**TEST REPORT**

**6. OVERALL MIGRATION TEST:**

TEST METHOD: IS 9845

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT IN (mg/dm <sup>2</sup> )	MAX. LIMIT (mg/dm <sup>2</sup> )
			[1]	
SUBMITTED SAMPLE	DISTILLED WATER	70 °C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	70 °C FOR 02 HOURS	<5	<10
	10% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	50% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	N-HEPTANE	38°C FOR 30 MIN.	<5	<10

**REMARK:** <= LESS THAN

RESULTS ARE GIVEN IN mg/dm<sup>2</sup>= Milligram per decimeter square

**TESTED COMPONENT:**

1. INDIGO PLASTIC

**7. SPECIFIC MIGRATION OF HEAVY METALS TEST:**

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 121°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1]	
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.05
Copper (Cu)	<1.0	5.0
Iron (Fe)	<5.0	48.0
Lithium (Li)	<0.1	0.6
Manganese (Mn)	<0.1	0.6
Zinc (Zn)	<1.0	25.0
Antimony (Sb)	<0.02	0.04

< = LESS THAN

mg/kg = MILLIGRAM PER KILOGRAM

**TESTED COMPONENT:**

1. INDIGO PLASTIC



**TEST REPORT**

**8. COLOUR MIGRATION TEST:**

VISUAL OBSERVATION  
(SIMULANTS USED AS PER TEST METHOD: IS 9845)

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT [1]	MAX. LIMIT
<b>SUBMITTED SAMPLE</b>	DISTILLED WATER	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	10% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	50% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	N-HEPTANE	38°C FOR 30 MIN.	NO COLOUR MIGRATED	

**TESTED COMPONENT:**

1. INDIGO PLASTIC

**9. SPECIFIC MIGRATION OF PHTHALATE:**

SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS

TEST RESULT:

TEST CONDITION: 3% ACITIC ACID AT 70°C FOR 02 HOUR.

TESTED COMPONENTS	RESULT (PPM) [1]
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DnOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND

Limit: Individual Less than 0.1% (1000 ppm)

**TESTED COMPONENT:**

1. INDIGO PLASTIC

\*\*\*\*\*

**# END OF TEST REPORT #**

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.

**TEST REPORT**



**ORIGINAL SAMPLE**



**TEST REPORT**

**APPLICANT: ALL TIME PLASTICS PVT.LTD.**  
PLOT NO. 377/1/1&2), KACHIGAM, CHAR RASTA, DAMAN - 396210

**ATTN: ZARIR PATEL**

SAMPLE DESCRIPTION : MIXING BOWL 25 (3750 ML) (ASSORTED)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021

BUYER'S NAME : --

BUYING AGENT/ CONTACT : --

ITEM CODE : 408257-18

HSN CODE : 39241090

BARCODE : 8902084019010

COLOR : MOONLIGHT

END USE : --

COUNTRY OF ORIGIN : --

COUNTRY OF DESTINATION : --

MANUFACTURER'S NAME : ALL TIME PLASTICS PVT. LTD.

**TESTS CONDUCTED:** AS PER THE REQUEST BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

**CONCLUSION:**

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
<b>SUBMITTED SAMPLE</b>	<b>TOTAL LEAD CONTENT</b> (WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63)	<b>M</b>
	<b>TOTAL CADMIUM CONTENT</b> (AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)	<b>M</b>
	<b>BISPHENOL-A CONTENT TEST</b> (BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)	<b>M</b>
	<b>DISHWASHER SAFE TEST</b> (AS PER IN-HOUSE TEST METHOD)	<b>M</b>
	<b>MICROWAVE SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>
	<b>OVERALL MIGRATION</b> (IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF HEAVY METALS</b> (IS 9845)	<b>M</b>
	<b>COLOUR MIGRATION TEST:</b> (AS PER TEST METHOD: IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF PHTHALATES</b> (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)	<b>M</b>



NUMBER : DELH21012715- Z

**TEST REPORT**

DATE : 15<sup>TH</sup> SEP, 2021

NOTE: M = MEET CLIENT'S REQUIREMENT  
# = NO SPECIFIED REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT  
N/A = NOT APPLICABLE

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009897, HENCE TEST RESULT HAS BEEN REFERRED FROM THE SAME REPORT.

FOR INTERTEK INDIA PVT. LTD

*Sanjay Sadana*

SANJAY SADANA  
TECHNICAL MANAGER – HARDLINE



**TEST REPORT**

**TEST CONDUCTED:**

**1. TOTAL LEAD CONTENT IN SUBSTRATE**

TEST REGULATION: WITH REFERENCE TO EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63

TEST METHOD: ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	MOONLIGHT PLASTIC: <10PPM	< 500 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 63

**2. TOTAL CADMIUM CONTENT IN SUBSTRATE**

TEST REGULATION: EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23  
TEST METHOD: WITH REF. TO EN112-ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	MOONLIGHT PLASTIC: <10PPM	<100 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 23

**3. BISPHENOL-A CONTENT TEST:**

(BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)

<u>TESTED COMPONENT</u>	<u>RESULTS</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	<b>COMPLIES</b> MOONLIGHT PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM

**TEST REPORT**

**4. DISHWASHER SAFE TEST:**

REFERENCE: IN-HOUSE TEST METHOD

TESTING CONDITIONS:

- (1) SELECTED CYCLE: NORMAL
- (2) CYCLE DURATION: 120 MINUTES (APROX.)
- (3) TEMPERATURE CONDITION: 60°C (APROX.)
- (4) DETERGENT USED: CASCADE
- (5) NO. OF CYCLES: 10 CYCLES

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b> NO VISUAL CHANGE OBSERVED	SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE.

**5. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b>	SHALL NOT SHOW ANY CRACKING/CRAZING, MELTING, DEFORMATION OR OTHER UNUSUAL CHANGES. TEMPRATURE OF HANDLE OR SURFACE SHALL NOT EXCEED THE FOLLOWING LIMITS. Ceramic, Glass-Ceramic or Glass: 56°C Plastic: 60°C



**TEST REPORT**

**6. OVERALL MIGRATION TEST:**

TEST METHOD: IS 9845

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT IN (mg/dm <sup>2</sup> )	MAX. LIMIT (mg/dm <sup>2</sup> )
			[1]	
SUBMITTED SAMPLE	DISTILLED WATER	70 °C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	70 °C FOR 02 HOURS	<5	<10
	10% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	50% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	N-HEPTANE	38°C FOR 30 MIN.	<5	<10

**REMARK:** <= LESS THAN  
RESULTS ARE GIVEN IN mg/dm<sup>2</sup>= Milligram per decimeter square

**TESTED COMPONENT:**

1. MOONLIGHT PLASTIC

**7. SPECIFIC MIGRATION OF HEAVY METALS TEST:**

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 121°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1]	
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.05
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Zinc (Zn)	<1.0	25.0
Antimony (Sb)	<0.02	0.04

< = LESS THAN  
mg/kg = MILLIGRAM PER KILOGRAM

**TESTED COMPONENT:**

1. MOONLIGHT PLASTIC



**TEST REPORT**

**8. COLOUR MIGRATION TEST:**

VISUAL OBSERVATION  
(SIMULANTS USED AS PER TEST METHOD: IS 9845)

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT [1]	MAX. LIMIT
<b>SUBMITTED SAMPLE</b>	DISTILLED WATER	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	10% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	50% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	N-HEPTANE	38°C FOR 30 MIN.	NO COLOUR MIGRATED	

**TESTED COMPONENT:**

1. MOONLIGHT PLASTIC

**9. SPECIFIC MIGRATION OF PHTHALATE:**

SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS

TEST RESULT:

TEST CONDITION: 3% ACITIC ACID AT 70°C FOR 02 HOUR.

TESTED COMPONENTS	RESULT (PPM) [1]
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DnOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND

Limit: Individual Less than 0.1% (1000 ppm)

**TESTED COMPONENT:**

1. MOONLIGHT PLASTIC

\*\*\*\*\*

**# END OF TEST REPORT #**

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**TEST REPORT**



**ORIGINAL SAMPLE**

**TEST REPORT**

**APPLICANT:** ALL TIME PLASTICS PVT.LTD.  
PLOT NO. 377/1/1&2), KACHIGAM, CHAR RASTA, DAMAN - 396210

**ATTN:** ZARIR PATEL

SAMPLE DESCRIPTION : MIXING BOWL 25 (3750 ML) (ASSORTED)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021

BUYER'S NAME : --

BUYING AGENT/ CONTACT : --

ITEM CODE : 408257-18

HSN CODE : 39241090

BARCODE : 8902084019010

COLOR : BLUSH

END USE : --

COUNTRY OF ORIGIN : --

COUNTRY OF DESTINATION : --

MANUFACTURER'S NAME : ALL TIME PLASTICS PVT. LTD.

**TESTS CONDUCTED:** AS PER THE REQUEST BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

**CONCLUSION:**

<b><u>TESTED SAMPLE</u></b>	<b><u>STANDARD</u></b>	<b><u>RESULT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>TOTAL LEAD CONTENT</b> (WITH REFERENE TO REGULATION (EC) NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63)	<b>M</b>
	<b>TOTAL CADMIUM CONTENT</b> (AS PER EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)	<b>M</b>
	<b>BISPHENOL-A CONTENT TEST</b> (BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)	<b>M</b>
	<b>DISHWASHER SAFE TEST</b> (AS PER IN-HOUSE TEST METHOD)	<b>M</b>
	<b>MICROWAVE SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>
	<b>OVERALL MIGRATION</b> (IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF HEAVY METALS</b> (IS 9845)	<b>M</b>
	<b>COLOUR MIGRATION TEST:</b> (AS PER TEST METHOD: IS 9845)	<b>M</b>
	<b>SPECIFIC MIGRATION OF PHTHALATES</b> (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)	<b>M</b>





NUMBER : DELH21012715- V

**TEST REPORT**

DATE : 15<sup>TH</sup> SEP, 2021

NOTE: M = MEET CLIENT'S REQUIREMENT  
# = NO SPECIFIED REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT  
N/A = NOT APPLICABLE

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FOR INTERTEK INDIA PVT. LTD

*Sanjay Sadana*

SANJAY SADANA  
TECHNICAL MANAGER – HARDLINE



**TEST REPORT**

**TEST CONDUCTED:**

**1. TOTAL LEAD CONTENT IN SUBSTRATE**

TEST REGULATION: WITH REFERENCE TO EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 63

TEST METHOD: ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	BLUSH PLASTIC: <10PPM	< 500 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 63

**2. TOTAL CADMIUM CONTENT IN SUBSTRATE**

TEST REGULATION: EC NO. 1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23  
TEST METHOD: WITH REF. TO EN112-ANALYSIS WAS PERFORMED BY ICP-MS/AAS

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	BLUSH PLASTIC: <10PPM	<100 PPM

**REMARK:** ND = NOT DETECTED  
DETECTION LIMIT = 10 PPM  
\*REQUIREMENT IS REFERED FROM REACH ANNEX XVII, ENTRY 23

**3. BISPHENOL-A CONTENT TEST:**

(BY SOLVENT EXTRACTION FOLLOWED BY LC-MS / MS)

<u>TESTED COMPONENT</u>	<u>RESULTS</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLE	<b>COMPLIES</b> BLUSH PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM



**TEST REPORT**

**4. DISHWASHER SAFE TEST:**

REFERENCE: IN-HOUSE TEST METHOD

TESTING CONDITIONS:

- (1) SELECTED CYCLE: NORMAL
- (2) CYCLE DURATION: 120 MINUTES (APROX.)
- (3) TEMPERATURE CONDITION: 60°C (APROX.)
- (4) DETERGENT USED: CASCADE
- (5) NO. OF CYCLES: 10 CYCLES

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b> NO VISUAL CHANGE OBSERVED	SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE.

**5. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

<b><u>TESTED SAMPLE</u></b>	<b><u>OBSERVATION</u></b>	<b><u>REQUIREMENT</u></b>
<b>SUBMITTED SAMPLE</b>	<b>COMPLIES</b>	SHALL NOT SHOW ANY CRACKING/CRAZING, MELTING, DEFORMATION OR OTHER UNUSUAL CHANGES. TEMPRATURE OF HANDLE OR SURFACE SHALL NOT EXCEED THE FOLLOWING LIMITS. Ceramic, Glass-Ceramic or Glass: 56°C Plastic: 60°C



**TEST REPORT**

**6. OVERALL MIGRATION TEST:**

TEST METHOD: IS 9845

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT IN (mg/dm <sup>2</sup> )	MAX. LIMIT (mg/dm <sup>2</sup> )
			[1]	
SUBMITTED SAMPLE	DISTILLED WATER	70 °C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	70 °C FOR 02 HOURS	<5	<10
	10% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	50% ETHANOL	70 °C FOR 02 HOURS	<5	<10
	N-HEPTANE	38°C FOR 30 MIN.	<5	<10

**REMARK:** <= LESS THAN  
RESULTS ARE GIVEN IN mg/dm<sup>2</sup>= Milligram per decimeter square

**TESTED COMPONENT:**

1. BLUSH PLASTIC

**7. SPECIFIC MIGRATION OF HEAVY METALS TEST:**

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 121°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1]	
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.05
Copper (Cu)	<1.0	5.0
Iron (Fe)	<5.0	48.0
Lithium (Li)	<0.1	0.6
Manganese (Mn)	<0.1	0.6
Zinc (Zn)	<1.0	25.0
Antimony (Sb)	<0.02	0.04

< = LESS THAN  
mg/kg = MILLIGRAM PER KILOGRAM

**TESTED COMPONENT:**

1. BLUSH PLASTIC



**TEST REPORT**

**8. COLOUR MIGRATION TEST:**

VISUAL OBSERVATION  
(SIMULANTS USED AS PER TEST METHOD: IS 9845)

**TEST CONDITIONS AND RESULTS:**

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT [1]	MAX. LIMIT
<b>SUBMITTED SAMPLE</b>	DISTILLED WATER	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	10% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	50% ETHANOL	70 °C FOR 02 HOURS	NO COLOUR MIGRATED	
	N-HEPTANE	38°C FOR 30 MIN.	NO COLOUR MIGRATED	

**TESTED COMPONENT:**

1. BLUSH PLASTIC

**9. SPECIFIC MIGRATION OF PHTHALATE:**

SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS

TEST RESULT:

TEST CONDITION: 3% ACITIC ACID AT 70°C FOR 02 HOUR.

TESTED COMPONENTS	RESULT (PPM) [1]
DIBUTYL PHTHALATE (DBP)	ND
DIETHYL HEXYL PHTHALATE (DEHP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
DI-ISO-NONYL PHTHALATE (DINP)	ND
DI-N-OCTYL PHTHALATE (DnOP)	ND
DI-ISO-DECYL PHTHALATE (DIDP)	ND

Limit: Individual Less than 0.1% (1000 ppm)

**TESTED COMPONENT:**

1. BLUSH PLASTIC

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**# END OF TEST REPORT #**

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