

**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 : FOOD SAVER CONTAINER 800V (800V X 3) (2400 ML) (ASSORTED) (3 PC SET)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ITEM CODE : 408388-45  
HSN CODE : 39241090  
BARCODE : 8902084062184  
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:**

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

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

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

NUMBER : DELH21013333- G

**TEST REPORT**

DATE : 28<sup>TH</sup> SEP, 2021

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009914, 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	(TRANSPARENT + 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	(TRANSPARENT + 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> (TRANSPARENT + BLUSH) PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM

**TEST REPORT**

**4. 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> )
			[1,2]	
SUBMITTED SAMPLE	DISTILLED WATER	100°C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	100°C FOR 02 HOURS	<5	<10
	N-HEPTANE	49°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. TRANSPARENT PLASTIC
2. BLUSH LID

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

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 100°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1,2]	
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.10
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. TRANSPARENT PLASTIC
2. BLUSH LID



**TEST REPORT**

**6. 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
SUBMITTED SAMPLE	DISTILLED WATER	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	N-HEPTANE	49°C FOR 30 MIN.	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED

**TESTED COMPONENT:**

1. BLUSH LID

**7. 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

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



**TEST REPORT**

**8. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLE	COMPLIES	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

**9. FREEZER SAFE TEST:**

(IN-HOUSE TEST METHOD)

**TESTING CONDITIONS:**

- (1) FREEZER TEMPERATURE: -18°C
- (2) FREEZER EXPOSED PERIOD: 24 HOURS

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLE	COMPLIES	SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATION

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**# 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 : FOOD SAVER CONTAINER 800V (800V X 3) (2400 ML) (ASSORTED) (3 PC SET)

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

BUYER'S NAME : --

BUYING AGENT/ CONTACT : --

ITEM CODE : 408388-45

HSN CODE : 39241090

BARCODE : 8902084062184

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:**

<b>TESTED SAMPLE</b>	<b>STANDARD</b>	<b>RESULT</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>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>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>FREEZER SAFE TEST</b> (IN-HOUSE TEST METHOD)	<b>M</b>

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

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

NUMBER : DELH21013333- I

**TEST REPORT**

DATE : 28<sup>TH</sup> SEP, 2021

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009914, 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	(TRANSPARENT + 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	(TRANSPARENT + 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> (TRANSPARENT + MOONLIGHT) PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM



**TEST REPORT**

**4. 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> )
			[1,2]	
SUBMITTED SAMPLE	DISTILLED WATER	100°C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	100°C FOR 02 HOURS	<5	<10
	N-HEPTANE	49°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. TRANSPARENT PLASTIC
2. MOONLIGHT LID

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

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 100°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
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Barium (Ba)	<0.1	1.0
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Antimony (Sb)	<0.02	0.04

< = LESS THAN  
mg/kg = MILLIGRAM PER KILOGRAM

**TESTED COMPONENT:**

1. TRANSPARENT PLASTIC
2. MOONLIGHT LID



**TEST REPORT**

**6. 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	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	N-HEPTANE	49°C FOR 30 MIN.	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED

**TESTED COMPONENT:**

1. MOONLIGHT LID

**7. 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

<u>TESTED SAMPLE</u>	<u>OBSERVATION</u>	<u>REQUIREMENT</u>
<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.

**TEST REPORT**

**8. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLES	COMPLIES	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

**9. FREEZER SAFE TEST:**

(IN-HOUSE TEST METHOD)

**TESTING CONDITIONS:**

- (1) FREEZER TEMPERATURE: -18°C
- (2) FREEZER EXPOSED PERIOD: 24 HOURS

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLE	COMPLIES	SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATION

\*\*\*\*\*

**# 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 : FOOD SAVER CONTAINER 800V (800V X 3) (2400 ML) (ASSORTED) (3 PC SET)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021  
BUYER'S NAME : --  
BUYING AGENT/ CONTACT : --  
ITEM CODE : 408388-45  
HSN CODE : 39241090  
BARCODE : 8902084062184  
COLOR : WHITE  
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:**

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

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

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



NUMBER : DELH21013333- K

**TEST REPORT**

DATE : 28<sup>TH</sup> SEP, 2021

REMARK: AS PER SUPPLIER DECLARATION SAME MATERIAL HAS BEEN USED & TESTED IN REPORT NO. DELH21009911, 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	(TRANSPARENT + WHITE) 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	(TRANSPARENT + WHITE) 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> (TRANSPARENT + WHITE) PLASTIC: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM



**TEST REPORT**

**4. 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> )
			[1,2]	
SUBMITTED SAMPLE	DISTILLED WATER	100°C FOR 02 HOURS	<5	<10
	3% ACITIC ACID	100°C FOR 02 HOURS	<5	<10
	N-HEPTANE	49°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. TRANSPARENT PLASTIC
2. WHITE LID

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

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 100°C FOR 02 HOUR.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1,2]	
Barium (Ba)	<0.1	1.0
Cobalt (Co)	<0.01	0.10
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. TRANSPARENT PLASTIC
2. WHITE LID



**TEST REPORT**

**6. 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	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	3% ACITIC ACID	100°C FOR 02 HOURS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED
	N-HEPTANE	49°C FOR 30 MIN.	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED

**TESTED COMPONENT:**

1. WHITE LID

**7. 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

<u>TESTED SAMPLE</u>	<u>OBSERVATION</u>	<u>REQUIREMENT</u>
<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.



**TEST REPORT**

**8. MICROWAVE SAFE TEST:**

(IN-HOUSE TEST METHOD)

MICROWAVE SAFE EVALUATION:

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLES	COMPLIES	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

**9. FREEZER SAFE TEST:**

(IN-HOUSE TEST METHOD)

**TESTING CONDITIONS:**

- (1) FREEZER TEMPERATURE: -18°C
- (2) FREEZER EXPOSED PERIOD: 24 HOURS

TESTED SAMPLE	OBSERVATION	REQUIREMENT
SUBMITTED SAMPLE	COMPLIES	SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATION

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**# END OF TEST REPORT #**

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