

**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** : ELITE MIXING BOWL 4000 (4000 ML) (GREY & WHITE)

DATE RECEIVED : 25<sup>TH</sup> JULY, 2021  
 BUYER'S NAME : --  
 BUYING AGENT/ CONTACT : --  
 ITEM CODE : 405788-24  
 HSN CODE : 39241090  
 BARCODE : 8902084057883  
 COLOR : GREY & 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:**

<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>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>

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

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

NUMBER : DELH21013397- B

**TEST REPORT**

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

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

<b><u>TESTED SAMPLE</u></b>	<b><u>RESULT (ppm)</u></b>	<b><u>CLIENT'S REQUIREMENT</u></b>
SUBMITTED SAMPLES	(GREY + 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

<b><u>TESTED SAMPLE</u></b>	<b><u>RESULT (ppm)</u></b>	<b><u>CLIENT'S REQUIREMENT</u></b>
SUBMITTED SAMPLES	(GREY + 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)

<b><u>TESTED COMPONENT</u></b>	<b><u>RESULTS</u></b>	<b><u>CLIENT'S REQUIREMENT</u></b>
SUBMITTED SAMPLES	<b>COMPLIES</b> (GREY + WHITE) PLASTIC: <10PPM	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM

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**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. OVERALL MIGRATION TEST:**

TEST METHOD: IS 9845

**TEST CONDITIONS AND RESULTS:**

<b><u>MATERIAL PUT INTO CONTACT</u></b>	<b><u>SIMULANT USED</u></b>	<b><u>TEST CONDITION</u></b>	<b><u>RESULT IN (mg/dm<sup>2</sup>)</u></b>	<b><u>MAX. LIMIT (mg/dm<sup>2</sup>)</u></b>
			<b>[1, 2]</b>	
<b>SUBMITTED SAMPLE</b>	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 30MIN.	<5	<10

**REMARK:** <= LESS THAN

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

**TESTED COMPONENT:**

1. GREY PLASTIC
2. WHITE PLASTIC



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

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 70°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	0.05
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. GREY PLASTIC
2. WHITE PLASTIC

**7. 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 [1,2]	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. GREY PLASTIC
2. WHITE PLASTIC



**TEST REPORT**

**8.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, 2]
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. GREY PLASTIC
2. WHITE PLASTIC

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**# END OF TEST REPORT #**

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