

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 2000 (2000 ML) (GREY & WHITE)

DATE RECEIVED : 25TH JULY, 2021
 BUYER'S NAME : --
 BUYING AGENT/ CONTACT : --
 ITEM CODE : 405787-24
 HSN CODE : 39241090
 BARCODE : 8902084057876
 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:

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

NOTE: M = MEET CLIENT'S REQUIREMENT F = BELOW CLIENT'S REQUIREMENT
 # = NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

TEST 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 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

<u>TESTED SAMPLE</u>	<u>RESULT (ppm)</u>	<u>CLIENT'S REQUIREMENT</u>
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)

<u>TESTED COMPONENT</u>	<u>RESULTS</u>	<u>CLIENT'S REQUIREMENT</u>
SUBMITTED SAMPLES	COMPLIES (GREY + WHITE) PLASTIC: <10PPM	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

<u>TESTED SAMPLE</u>	<u>OBSERVATION</u>	<u>REQUIREMENT</u>
SUBMITTED SAMPLE	COMPLIES 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:

<u>MATERIAL PUT INTO CONTACT</u>	<u>SIMULANT USED</u>	<u>TEST CONDITION</u>	<u>RESULT IN (mg/dm²)</u>	<u>MAX. LIMIT (mg/dm²)</u>
			[1, 2]	
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 30MIN.	<5	<10

REMARK: <= LESS THAN

RESULTS ARE GIVEN IN mg/dm²= Milligram per decimeter square

TESTED COMPONENT:

1. GREY PLASTIC
2. WHITE PLASTIC



TEST REPORT

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

END OF TEST REPORT

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