

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: : XO ICE TRAY (ASSORTED) (48 PC PK)

DATE RECEIVED : 25TH JULY, 2021
BUYER'S NAME :
BUYING AGENT/ CONTACT : --
ITEM CODE : 408246-48
HSN CODE : 39241090
BARCODE : 8902084074323
COLOR : --
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
	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
	DISHWASHER SAFE TEST (AS PER IN-HOUSE TEST METHOD)	M
	FREEZER SAFE TEST (IN-HOUSE TEST METHOD)	M

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

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

FOR INTERTEK INDIA PVT. LTD

Sanjay Sadana

SANJAY SADANA
TECHNICAL MANAGER – HARDLINE

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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	(grey + blush + 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	(grey + blush + 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	COMPLIES (grey + blush + white) plastic: ND	SHALL NOT CONTAIN ANY DETECTABLE LEVELS OF BISPHENOL A (BPA)

DETECTION LIMIT: 0.1 PPM

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4. OVERALL MIGRATION TEST:

TEST METHOD: IS 9845

TEST CONDITIONS AND RESULTS:

MATERIAL PUT INTO CONTACT	SIMULANT USED	TEST CONDITION	RESULT IN (mg/dm ²)	MAX. LIMIT (mg/dm ²)
			[1, 2, 3]	
SUBMITTED SAMPLE	DISTILLED WATER	40°C FOR 10 DAYS	<5	<10

REMARK: <= LESS THAN
RESULTS ARE GIVEN IN mg/dm²= Milligram per decimeter square

TESTED COMPONENT:

1. GREY ICE TRAY
2. BLUSH ICE TRAY
3. WHITE ICE TRAY

5. SPECIFIC MIGRATION OF HEAVY METALS TEST:

TEST METHOD: IS 9845

TEST CONDITION: 3% ACITIC ACID AT 40°C FOR 10 DAYS.

ELEMENT	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMIT (mg/kg)
	[1, 2, 3]	
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. GREY ICE TRAY
2. BLUSH ICE TRAY
3. WHITE ICE TRAY



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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, 2, 3]	MAX. LIMIT
SUBMITTED SAMPLE	DISTILLED WATER	40 °C FOR 10 DAYS	NO COLOUR MIGRATED	THERE SHALL BE NO COLOR MIGRATED

TESTED COMPONENT:

1. GREY ICE TRAY
2. BLUSH ICE TRAY
3. WHITE ICE TRAY

7. SPECIFIC MIGRATION OF PHTHALATE:

SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS

TEST RESULT:

TEST CONDITION: 3% ACITIC ACID AT 40°C FOR 10 DAYS.

TESTED COMPONENTS	RESULT (PPM) [1, 2, 3]
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 ICE TRAY
2. BLUSH ICE TRAY
3. WHITE ICE TRAY



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8. 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 SAMPLES (GREY + BLUSH + WHITE) ICETRAY	COMPLIES NO VISUAL CHANGE OBSERVED	SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE.

9. FREEZER SAFE TEST:

(IN-HOUSE TEST METHOD)

TESTING CONDITIONS:

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

<u>TESTED SAMPLE</u>	<u>OBSERVATION</u>	<u>REQUIREMENT</u>
SUBMITTED SAMPLES (GREY + BLUSH + WHITE) ICETRAY	COMPLIES	SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATI ON

END OF TEST REPORT

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