

TEST REPORT

NUMBER : DELH21013390- C

DATE : 28TH SEP, 2021



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 : FREEZE BOTTLE (1000 ML) (ASSORTED)

DATE RECEIVED : 25TH JULY, 2021
 BUYER'S NAME : --
 BUYING AGENT/ CONTACT : --
 ITEM CODE : 408233-72
 HSN CODE : 39241090
 BARCODE : 8902084037410
 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:

| <u>TESTED SAMPLE</u> | <u>STANDARD</u> | <u>RESULT</u> |
|-------------------------|--|---------------|
| 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 F = BELOW CLIENT'S REQUIREMENT
 # = NO SPECIFIED REQUIREMENT N/A = NOT APPLICABLE

NUMBER : DELH21013390- C

TEST REPORT

DATE : 28TH 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

| <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 | COMPLIES INDIGO 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 ²) | MAX. LIMIT (mg/dm ²) |
|---------------------------|-----------------|------------------|---------------------------------|----------------------------------|
| | | | [1] | |
| 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. INDIGO BOTTLE

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] | |
| 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. INDIGO BOTTLE



TEST REPORT

6.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] |
| 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 BOTTLE

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

| TESTED SAMPLE | OBSERVATION | REQUIREMENT |
|------------------|--|--|
| SUBMITTED SAMPLE | COMPLIES NO VISUAL CHANGE OBSERVED | SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE. |



TEST REPORT

8. 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 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

NUMBER : DELH21013390- B

DATE : 28TH SEP, 2021



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 : FREEZE BOTTLE (1000 ML) (ASSORTED)

DATE RECEIVED : 25TH JULY, 2021
 BUYER'S NAME : --
 BUYING AGENT/ CONTACT : --
 ITEM CODE : 408233-72
 HSN CODE : 39241090
 BARCODE : 8902084037410
 COLOR : NATURAL
 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> |
|-------------------------|--|---------------|
| 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

NUMBER : DELH21013390- B

TEST REPORT

DATE : 28TH 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

| <u>TESTED SAMPLE</u> | <u>RESULT (ppm)</u> | <u>CLIENT'S REQUIREMENT</u> |
|----------------------|-------------------------|-----------------------------|
| SUBMITTED SAMPLE | NATURAL 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 | NATURAL 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 NATURAL 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 ²) | MAX. LIMIT (mg/dm ²) |
|---------------------------|-----------------|------------------|---------------------------------|----------------------------------|
| | | | [1] | |
| 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. NATURAL BOTTLE

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] | |
| 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. NATURAL BOTTLE



TEST REPORT

6. 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] |
| 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. NATURAL BOTTLE

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

| TESTED SAMPLE | OBSERVATION | REQUIREMENT |
|------------------|--|--|
| SUBMITTED SAMPLE | COMPLIES NO VISUAL CHANGE OBSERVED | SHALL NOT SHOW ANY CHIPPING, CRACKING, GLAZE CRAZING OR OTHER VISUAL CHANGE IN APPEARANCE. |



TEST REPORT

8. 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 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

NUMBER : DELH21013390- A

DATE : 28TH SEP, 2021



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 : FREEZE BOTTLE (1000 ML) (ASSORTED)

DATE RECEIVED : 25TH JULY, 2021
 BUYER'S NAME : --
 BUYING AGENT/ CONTACT : --
 ITEM CODE : 408233-72
 HSN CODE : 39241090
 BARCODE : 8902084037410
 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:

| 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

NUMBER : DELH21013390- A

TEST REPORT

DATE : 28TH 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

| <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 | COMPLIES 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 ²) | MAX. LIMIT (mg/dm ²) |
|---------------------------|-----------------|------------------|---------------------------------|----------------------------------|
| | | | [1] | |
| 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. MOONLIGHT BOTTLE

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] | |
| 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. MOONLIGHT BOTTLE



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 | 40 °C FOR 10 DAYS | NO COLOUR MIGRATED | THERE SHALL BE NO COLOR MIGRATED |

TESTED COMPONENT:

1. MOONLIGHT BOTTLE

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] |
|--------------------------------|------------------|
| 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 BOTTLE



TEST REPORT

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 SAMPLE | 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 SAMPLE | COMPLIES | SHALL NOT SHOW ANY CRACK/DAMAGE/DEFORMATION |

END OF TEST REPORT

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