



## Test Report

REPORT NO. : LPCI/05101/06  
CTS REF. : CTS/06/1318/Toray  
DATE REPORTED : APRIL 03, 2006  
PAGE : 1 of 3

**Toray Plastics Malaysia Sdn. Bhd.**  
2628 MK1, SPT., Lorong Perusahaan 4, Prai FIZ, 13600 Prai, Penang.

The following merchandise was (were) submitted and identified by the client as:

Sample Description : Toyolac 470Y-MH1 Natural Color  
Sample Received : 2006/03/28  
Testing Date : 2006/03/28 TO 2006/04/03

**Test Result** : Please see the next page

Analysts: Audrey Kua, Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.

CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
MANAGER

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### Test Result

Sample Description : Toyolac 470Y-MH1 Natural Color

| Test Item (s) :    | Unit | Method                                | MDL | Result |
|--------------------|------|---------------------------------------|-----|--------|
| Chromium VI (Cr6+) | ppm  | UV-Vis as per EPA 3060 A / 7196 A     | 2   | N.D.   |
| Cadmium (Cd)       | ppm  | ICP-OES as per EN 1122, method B:2001 | 2   | N.D.   |
| Lead (Pb)          | ppm  | ICP-OES as per US EPA 3050B           | 2   | N.D.   |
| Mercury (Hg)       | ppm  | ICP-OES as per US EPA 3052            | 2   | N.D.   |

NOTE: (1) N.D. = Not detected (<MDL)  
(2) ppm = mg/kg  
(3) MDL= Method Detection Limit

Analyst : Audrey Kua

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## Test Result

Sample Description : Toyolac 470Y-MH1 Natural Color

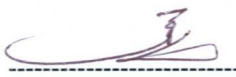
| Test Item (s) :                               | Unit | Method                      | MDL    | Result |
|-----------------------------------------------|------|-----------------------------|--------|--------|
| <b>PBBs (Polybrominated Biphenyls)</b>        |      |                             |        |        |
| Monobromo Biphenyl                            | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Dibromo Biphenyl                              | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Tribromo Biphenyl                             | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Tetrabromo Biphenyl                           | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Pentabromo Biphenyl                           | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Hexabromo Biphenyl                            | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Heptabromo Biphenyl                           | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Octabromo Biphenyl                            | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Nonabromo Biphenyl                            | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Decabromo Biphenyl                            | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| <b>PBDEs (Polybrominated Diphenyl ethers)</b> |      |                             |        |        |
| Monobromo Diphenyl Ether                      | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Dibromo Diphenyl Ether                        | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Tribromo Diphenyl Ether                       | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Tetrabromo Diphenyl Ether                     | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Pentabromo Diphenyl Ether                     | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Hexabromo Diphenyl Ether                      | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Heptabromo Diphenyl Ether                     | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Octabromo Diphenyl Ether                      | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Nonabromo Diphenyl Ether                      | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |
| Decabromo Diphenyl Ether                      | %    | GCMS as per EPA 3540C/3550B | 0.0005 | N.D.   |

NOTE: (1) N.D. = Not detected (<MDL)

(2) MDL = Method Detection Limit

Analyst : Jocelyn

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