

## Test Report

**REPORT NO.** : LPCI/09158/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 1 of 3

**Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

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

Sample Description : Toyolac 335-X01 NG310  
Sample Received : 2006/05/26  
Testing Date : 2006/05/26 TO 2006/06/01

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

Analysts: Audrey Kua, Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09158/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 2 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

**Sample Description** : Toyolac 335-X01 NG310

<b>Test Item (s) :</b>	<b>Unit</b>	<b>Method</b>	<b>MDL</b>	<b>Result</b>
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

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09158/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 3 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

**Sample Description** : Toyolac 335-X01 NG310

<b>Test Item (s) :</b>	<b>Unit</b>	<b>Method</b>	<b>MDL</b>	<b>Result</b>
<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

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

## Test Report

**REPORT NO.** : LPCI/09159/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 1 of 3

**Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

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

Sample Description : Toyolac 345-X01 NG310  
Sample Received : 2006/05/26  
Testing Date : 2006/05/26 TO 2006/06/01

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

Analysts: Audrey Kua, Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09159/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 2 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

Sample Description : Toyolac 345-X01 NG310

<b>Test Item (s) :</b>	<b>Unit</b>	<b>Method</b>	<b>MDL</b>	<b>Result</b>
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

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09159/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 3 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

**Sample Description** : Toyolac 345-X01 NG310

<b>Test Item (s) :</b>	<b>Unit</b>	<b>Method</b>	<b>MDL</b>	<b>Result</b>
<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

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

## Test Report

**REPORT NO.** : LPCI/09160/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 1 of 3

**Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

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

Sample Description : Toyolac 700-X01 B1  
Sample Received : 2006/05/26  
Testing Date : 2006/05/26 TO 2006/06/01

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

Analysts: Audrey Kua, Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09160/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 2 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

Sample Description : Toyolac 700-X01 B1

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

SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

**REPORT NO.** : LPCI/09160/06  
**CTS REF.** : CTS/06/2377/Toray  
**DATE REPORTED** : JUNE 01, 2006  
**PAGE** : 3 of 3

**Company** : **Toray Plastics Malaysia Sdn. Bhd.**  
**2628 MK.1, SPT, Lorong Perusahaan 4,**  
**Prai Free Industrial Zone, 13600 Prai, Penang, Malaysia.**

## Test Result

**Sample Description** : Toyolac 700-X01 B1

<b>Test Item (s) :</b>	<b>Unit</b>	<b>Method</b>	<b>MDL</b>	<b>Result</b>
<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

SGS LABORATORY SERVICES (M) SDN. BHD.



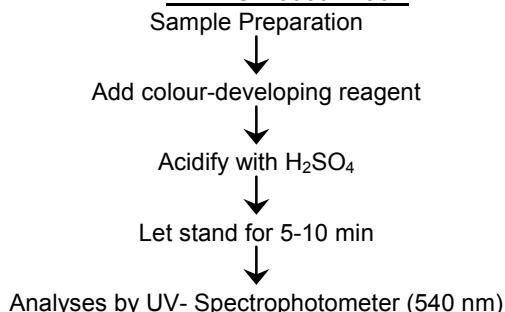
CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

**REPORT NO: LPCI/09158-09160/06**  
**SGS LABORATORY SERVICES (M) SDN BHD**

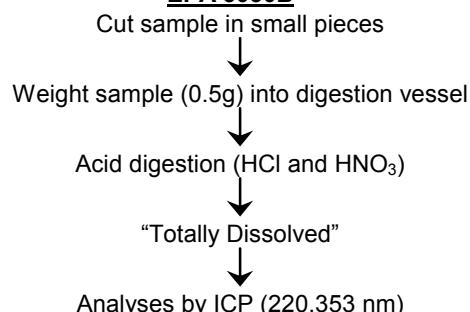
**1. DETERMINATION OF HEXAVALENT CHROMIUM BY**

**METHOD 3060/7196A**



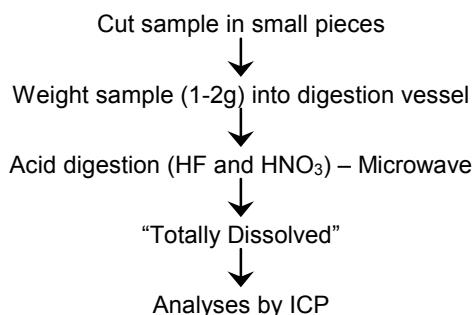
**2. DETERMINATION OF LEAD CONTENT BY US**

**EPA 3050B**

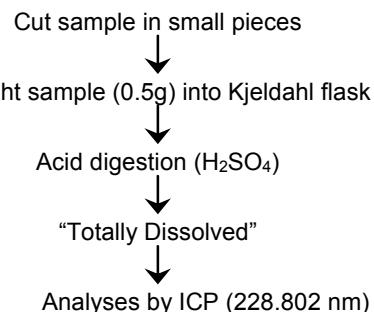


**3. MICROWAVE ASSISTED ACID DIGESTION OF  
SILICEOUS AND ORGANICALLY BASED METRICES**

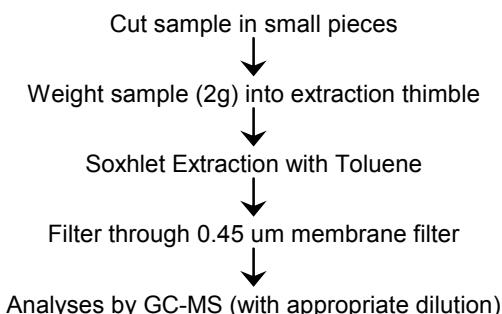
**(US EPA 3052)**



**4. PLASTIC – DETERMINATION OF CADMIUM – WET  
DECOMPOSITION METHOD (EN 1122) – METHOD B**



**5. DETERMINATION OF PBB/PBDE WITH GC-MS**



SGS LABORATORY SERVICES (M) SDN. BHD.



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.