

## Test Report

No. 10115042/08 (1)

Date: February 4, 2008

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Eastman Chemical Asia Pacific Pte Ltd  
438A Alexandra Road  
#08-11/12 Alexandra Technopark  
Singapore 119967

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : Tritan TX1001  
Lot : 19013101  
  
Sample Receiving Date : 29 January 2008  
Testing Period : 30 January 2008 to 04 February 2008  
  
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

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Test Result(s) : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted samples, the results are **compliant with** the limits of RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



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Y.C. Tham  
Laboratory Manager

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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**Test Result(s):**

Sample Description : Tritan TX1001  
 Lot : 19013101

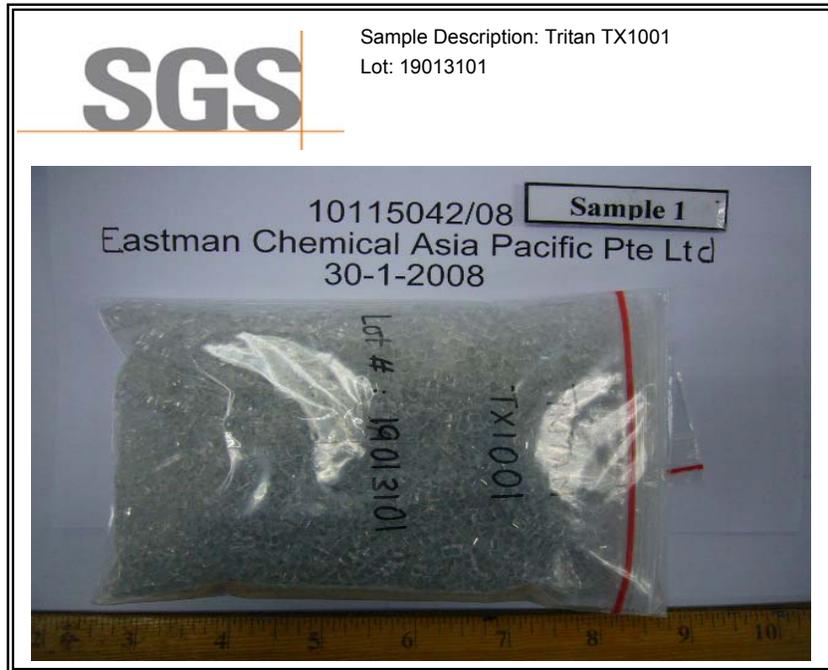
Test Item(s):	Unit	Method	MDL	RoHS Limit	Result
Cadmium(Cd)	mg/kg	With reference to US EPA Method 3051A. Analysis was performed by ICP/AES.	2	100	n.d.
Lead (Pb)	mg/kg		2	1000	n.d.
Mercury (Hg)	mg/kg		2	1000	n.d.
Hexavalent Chromium (CrVI)	mg/kg	With reference to US EPA Method 3060A & 7196A. Analysis was performed by UV/Vis Spectrometry.	2	1000	n.d.
<b>Sum of PBBs</b>	mg/kg	With reference to EPA Method 3550C. Analysis was performed by GC/MS.	-	1000	<b>n.d.</b>
Monobromobiphenyl	mg/kg		5	-	n.d.
Dibromobiphenyl	mg/kg		5	-	n.d.
Tribromobiphenyl	mg/kg		5	-	n.d.
Tetrabromobiphenyl	mg/kg		5	-	n.d.
Hexabromobiphenyl	mg/kg		5	-	n.d.
Pentabromobiphenyl	mg/kg		5	-	n.d.
Heptabromobiphenyl	mg/kg		5	-	n.d.
Octabromobiphenyl	mg/kg		5	-	n.d.
Nonabromobiphenyl	mg/kg		5	-	n.d.
Decabromobiphenyl	mg/kg		5	-	n.d.
<b>Sum of PBDE (Mono to Nona)(Note 4)</b>	mg/kg		-	1000	<b>n.d.</b>
Monobromodiphenyl ether	mg/kg		5	-	n.d.
Dibromodiphenyl ether	mg/kg	5	-	n.d.	
Tribromodiphenyl ether	mg/kg	5	-	n.d.	
Tetrabromodiphenyl ether	mg/kg	5	-	n.d.	
Pentabromodiphenyl ether	mg/kg	5	-	n.d.	
Hexabromodiphenyl ether	mg/kg	5	-	n.d.	
Heptabromodiphenyl ether	mg/kg	5	-	n.d.	
Octabromodiphenyl ether	mg/kg	5	-	n.d.	
Nonabromodiphenyl ether	mg/kg	5	-	n.d.	
Decabromodiphenyl ether	mg/kg	5	-	n.d.	
<b>Sum of PBDEs (Mono to Deca)</b>	mg/kg	-	-	<b>n.d.</b>	

- Note: (1) mg/kg = ppm  
 (2) n.d.= Not Detected = Denoted less than MDL  
 (3) MDL = Method Detection Limit  
 (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.  
 (5) “-“ = Not regulated  
 (6) “ --- “ = Not Conducted

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Remarks: Sample received was totally dissolved by preconditioning & destroyed after the analysis.  
Lab Analyst: Christine Choy, Jessica Chong & Jenny Yip

**Sample photo:**

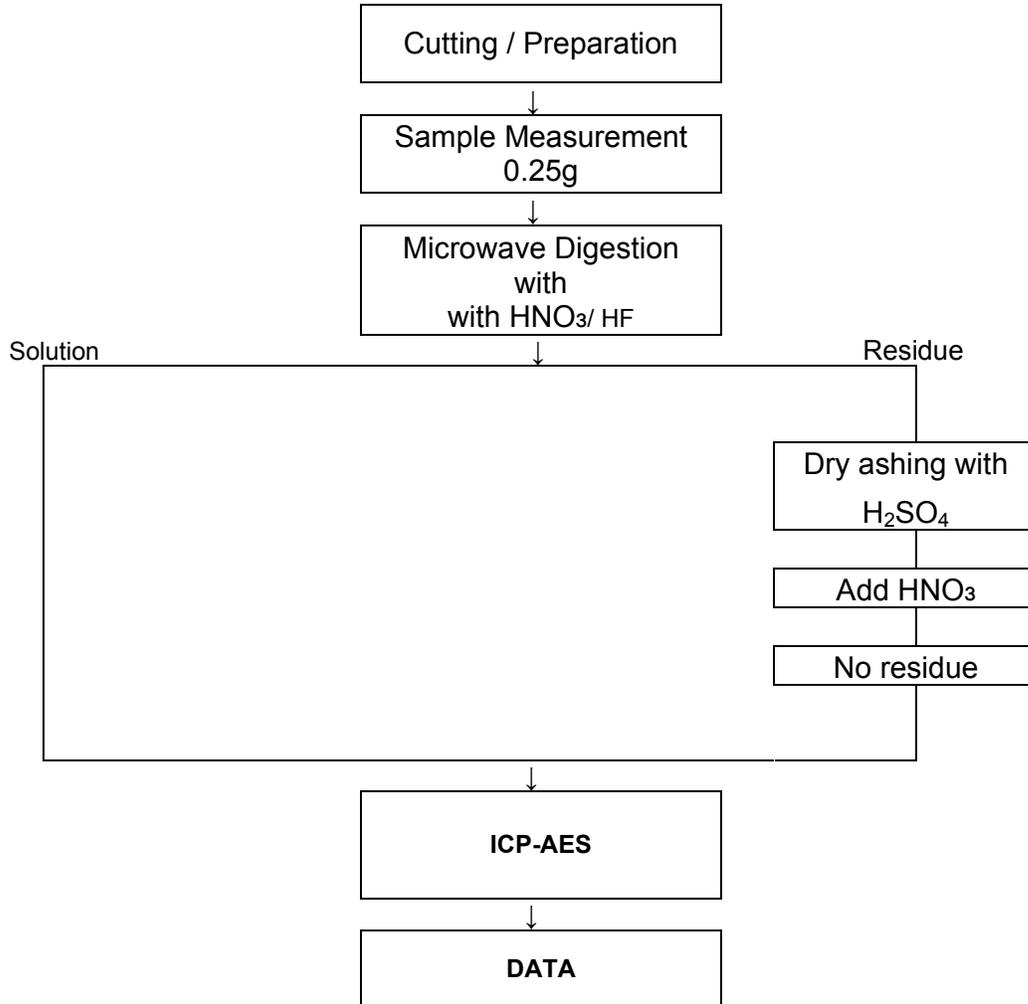


SGS authenticate the photo on original report only

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**Process Flow of US EPA 3051A/3052 (Hg, Cd, Pb)**



Lab Analyst : Jessica Chong

Sample received has been totally digested and dissolved by preconditioning method.

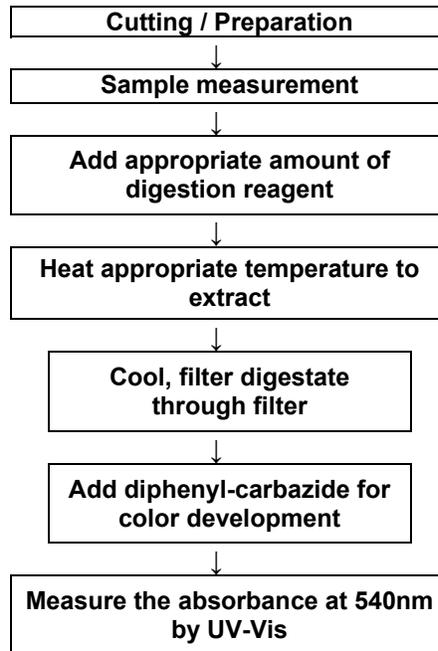
Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

Y.C. Tham  
Laboratory Manager

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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**Process Flow of EPA 3060A, 7196A for analysis of Cr (VI)**



Lab Analyst : Christine Choy

Sample received has been totally digested and dissolved by preconditioning method.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd



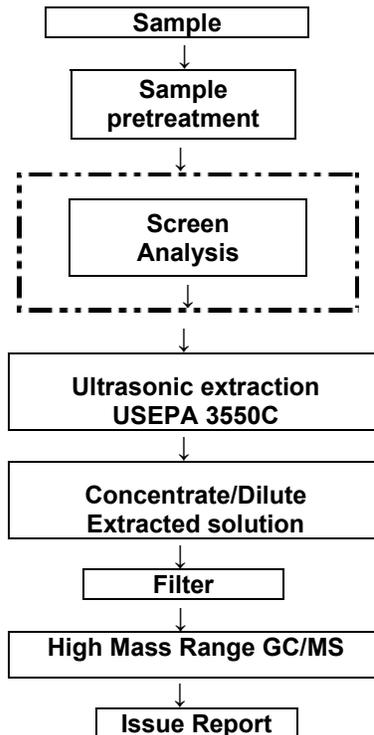
Y.C. Tham  
Laboratory Manager

Test Location: 26 Ayer Rajah Crescent, #07-07, Singapore 139944

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**Process Flow of PBBs and PBDEs Flame Retardants by GC/MS**

First Testing Process → Optional screen process ..... Confirmation process ...→



Lab Analyst : Irene Li

Sample received has been totally digested and dissolved by preconditioning method.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

Y.C. Tham  
Laboratory Manager

\*\*\*End of Report\*\*\*

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