

## Test Report

REPORT NO. : CTSSA/18453-1/15  
CTS REF. : CTSSA/15/2348/Hitachi  
DATE REPORTED : 15<sup>th</sup> Oct., 2015  
PAGE : 1 of 5

**Hitachi Chemical (Selangor) Sdn. Bhd.**  
**No. 2, Persiaran Budiman, Seksyen 23,**  
**40300 Shah Alam, Selangor Darul Ehsan**

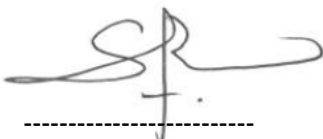
The following merchandise was (were) submitted and identified by the client as:

Sample Description : EPOXY MOLDING COMPOUND  
Item No : GE-300 series  
Sample Receiving Date : 08/10/2015  
Testing Period : 08/10/2015 to 15/10/2015

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

Analysts : Foong Cheng Chee & Shirley Then

SGS (MALAYSIA) SDN. BHD.



TAY SIAM PINE  
B.Sc.(HONS) AMIC  
ASSISTANT LAB MANAGER

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Company : Hitachi Chemical (Selangor) Sdn. Bhd.  
 No. 2, Persiaran Budiman, Seksyen 23,  
 40300 Shah Alam, Selangor Darul Ehsan

## Test Result

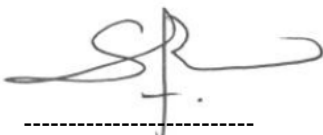
Sample Description : EPOXY MOLDING COMPOUND  
 Item No : GE-300 series

Test Item (s) :	Unit	Method	Instrument	MDL	Results	Limit
Chromium VI (Cr6+)	ppm	IEC 62321 : 2008 Annex C	UV Vis - Spectrophotometer	2	N.D.	1000
Cadmium (Cd)	ppm	IEC 62321-5 : 2013	ICP OES	2	N.D.	100
Mercury (Hg)	ppm	IEC 62321-4 : 2013	ICP OES	2	N.D.	1000
Lead (Pb)	ppm	IEC 62321-5 : 2013	ICP OES	2	N.D.	1000

NOTE: (a) N.D. = Not detected (<MDL)  
 (b) ppm = mg/kg  
 (c) MDL= Method Detection Limit  
 (d) Testing based on original basis

Analyst: Foong Cheng Chee

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 No. 2, Persiaran Budiman, Seksyen 23,  
 40300 Shah Alam, Selangor Darul Ehsan

## Test Result

Sample Description : EPOXY MOLDING COMPOUND  
 Item No : GE-300 series

Test Item (s) :	Unit	Method	Instrument	MDL	Result	Limit
<b>PBBs (Polybrominated Biphenyls)</b>						
Monobromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	1000
Dibromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Tribromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Tetrabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Pentabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Hexabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Heptabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Octabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Nonabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Decabromo Biphenyl	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
<b>PBDEs (Polybrominated Diphenyl ethers)</b>						
Monobromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	1000
Dibromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Tribromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Tetrabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Pentabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Hexabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Heptabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Octabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Nonabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	
Decabromo Diphenyl Ether	ppm	GCMS as per IEC 62321 : 2008	GCMS	5	N.D.	

NOTE: (a) N.D. = Not detected (<MDL)  
 (b) MDL = Method Detection Limit  
 (c) Testing based on original basis

Analyst : Shirley Then

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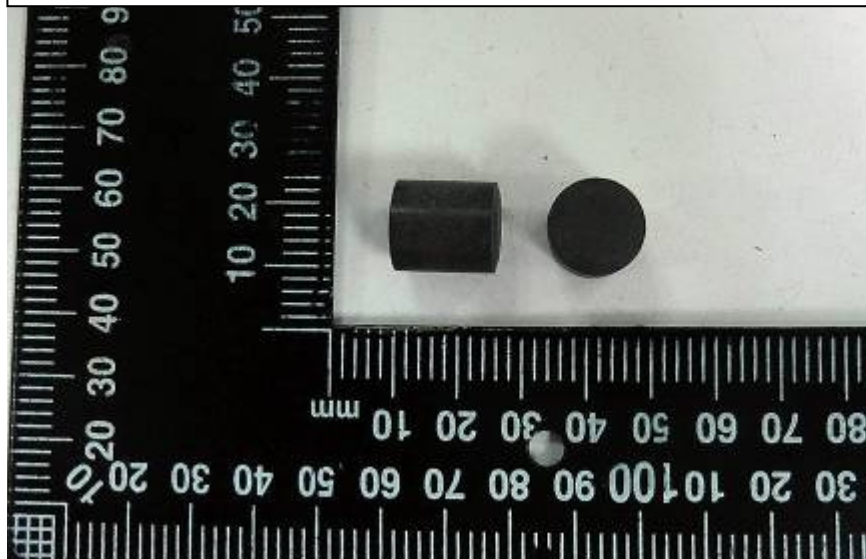
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### Test Result

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Item No : GE-300 series

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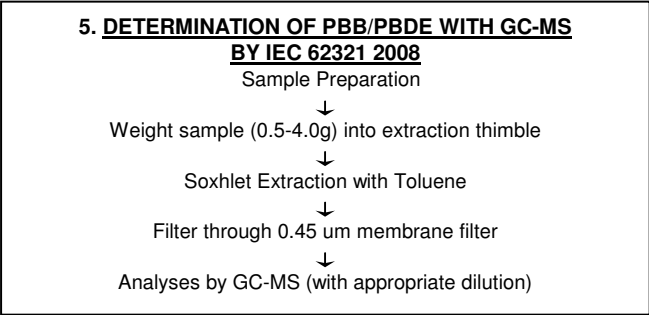
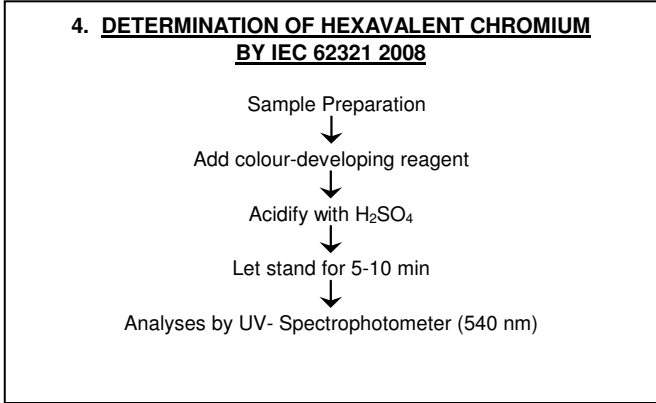
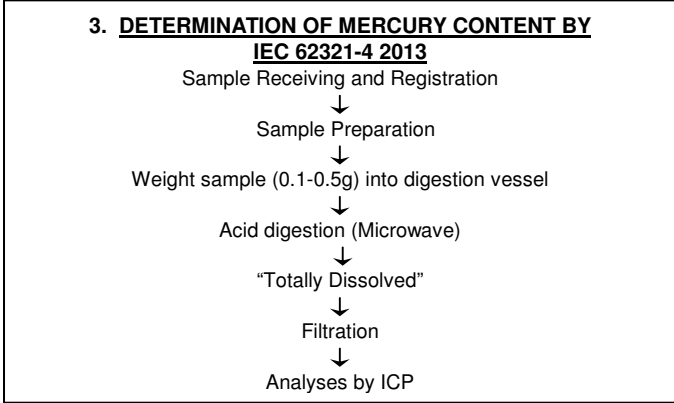
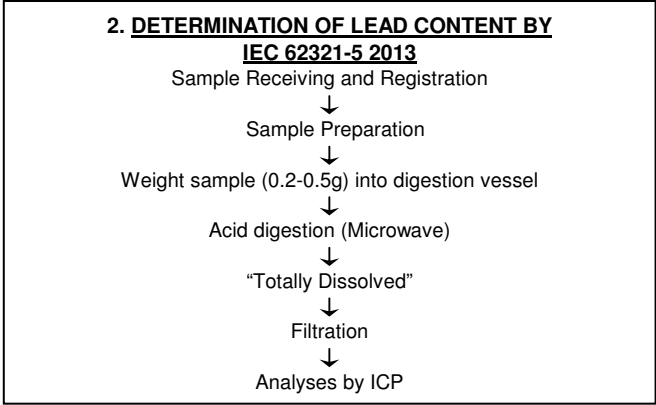
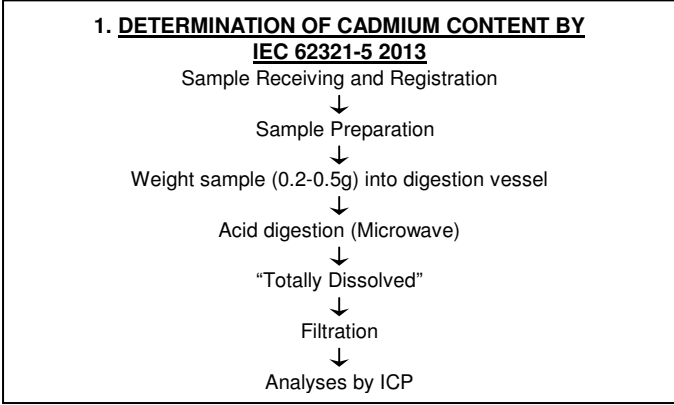
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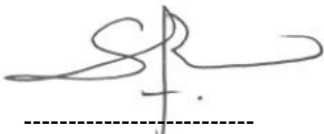
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