



**Test Report No. F690501/LF-CTSAYAA08-16886C** Issued Date: June 11, 2008 Page 1 of 4

To: **CHEMINIX CO.,LTD.**  
88-1  
Pyeongchon-dong  
Seo-gu  
DAEJEON 302-070  
Korea

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

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**Product Name** : Cover Tape  
**SGS File No.** : AYAA08-16886C  
**Received Date** : June 04, 2008  
**Test Performing Date** : June 05, 2008  
**Test Performed** : SGS Testing Korea tested the sample(s) selected by applicant with following results  
**Test Requested** : Selected test(s) as requested by client.  
**Test Method** : Please refer to next page(s).  
**Test Result(s)** : Please refer to next page(s).  
**Conclusion** : Based on the performed tests on submitted sample(s), the results **comply with the** RoHS Directive 2002/95/EC and its subsequent amendments.

**SGS Testing Korea Co., Ltd.**

Pluto Kim  
Jinee Song  
Billy Oh/Testing Person

**Jeff Jang / Technical Mgr**



# Test Report No. F690501/LF-CTSAYAA08-16886C

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Sample No. : AYAA08-16886C.001  
 Sample Description : Cover Tape  
 Item / Part No. : SEAL-PACK

## RoHS Directive 2002/95/EC

Test Item(s):	Unit	Test Method	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), ICP-OES	N.D.	0.5	100
Lead (Pb)	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), ICP-OES	N.D.	5	1000
Mercury (Hg)	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), ICP-OES	N.D.	2	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), UV-VIS	N.D.	1	1000
Hexavalent Chromium(CrVI) by boiling water extraction	-	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV),	-	-	#
<b>Sum of PBBs</b>	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	-	1000
Monobromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Dibromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Tribromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Tetrabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Hexabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Pentabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Heptabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Octabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Nonabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Decabromobiphenyl	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
<b>Sum of PBDEs (Mono to Nona)(Note (4))</b>	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	-	1000
Monobromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Dibromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Tribromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Tetrabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Pentabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Hexabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Heptabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Octabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Nonabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
Decabromodiphenyl ether	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	5	-
<b>Sum of PBDEs (Mono to Deca)</b>	mg/kg	IEC 62321/2 <sup>nd</sup> CDV (111/95/CDV), GC-MS	N.D.	-	-

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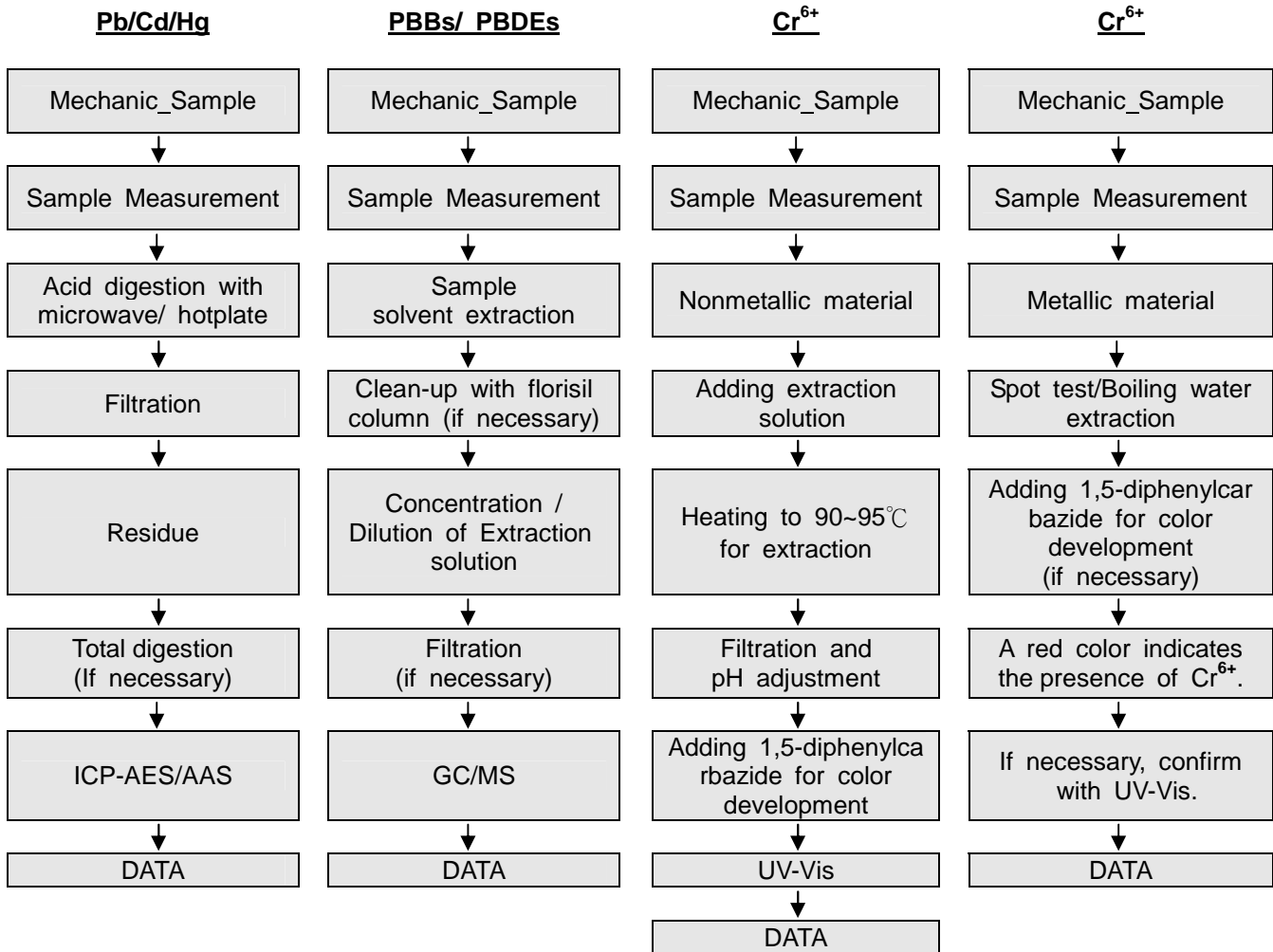
- Note :
- (1) mg/kg = ppm ; 0.1wt% = 1000ppm
  - (2) N.D. = Not detected.
  - (3) MDL = Method Detection Limit
  - (4) Sum of Mono to NonaBDE. According to 2005/717/EC DecaBDE is exempt in polymer applications.
  - (5) # : Positive means the presence of CrVI on the tested areas  
Negative means the absence of CrVI on the tested areas
  - (6) "-" = Not regulated
  - (7) \* : Exceeds limit

**Picture of Sample as Received :**

**Sample Color :**                      **Transparency**



**Testing Flow Chart for RoHS: Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs & PBDEs Testing**



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