



## TEST REPORT

Applicant : DUCKSUNG HITECH CO., LTD.  
Address : #225-2, Shinneung-ri, Seoun-myeon, Anseong-si,  
Gyeonggi-do, Korea

Page: 1 of 4

Report No. RT12R-U0024-007-E

Date: Jan. 17, 2012

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Sample Description : The following submitted sample(s) said to be:-

Name/Type of Product : Paper Adhesive Tape  
Sample ID No. : RT12R-U0024-007  
Item No. : 130  
Manufacturer/Vender : DUCKSUNG HITECH CO., LTD.

Sample received : Jan. 07, 2012  
Testing Date : Jan. 07, 2012 ~ Jan. 17, 2012  
Testing Environment : Temperature : ( 24 ± 2 ) °C, Humidity : ( 60 ± 5 ) % R.H.

Test Method(s) : Please see the following page(s).  
Test Result(s) : Please see the following page(s).

\* Note 1 : The test results presented in this report relate only to the object tested.

\* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

\* Note 3 : The item no. is assigned by client and indicated according to their requirement and guarantee letter.

Approved by,

E.Y.Lee / Lab. Technical Manager

Authorized by,

H.W.Yoo / Lab. General Manager

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Intertek Testing Services Korea Ltd.

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Ulsan Lab. Address : #340-2, Yongam-Ri, Chongryang-Myun, Ulju-Gun, Ulsan 689-865 Korea



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Page: 2 of 4  
Date: Jan. 17, 2012

Report No. RT12R-U0024-007-E

Sample ID No. : RT12R-U0024-007  
Sample Description : Paper Adhesive Tape

| Test Item                                    | Unit  | Test Method   | MDL | Result |
|--|-------|---|-----|--------|
| Cadmium (Cd)                                 | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES    | 0.5 | N.D.   |
| Lead (Pb)                                    | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES    | 5   | N.D.   |
| Mercury (Hg)                                 | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES    | 2   | N.D.   |
| Hexavalent Chromium (Cr <sup>6+</sup> )      | mg/kg | With reference to US EPA 3060A and determined by UV-VIS Spectrophotometer     | 1   | N.D.   |
| <b>Polybrominated Biphenyl (PBBs)</b>        |       |   |     |        |
| Monobromobiphenyl                            | mg/kg | With reference to US EPA 3540C, by solvent extraction and determined by GC/MS | 5   | N.D.   |
| Dibromobiphenyl                              | mg/kg |   | 5   | N.D.   |
| Tribromobiphenyl                             | mg/kg |   | 5   | N.D.   |
| Tetrabromobiphenyl                           | mg/kg |   | 5   | N.D.   |
| Pentabromobiphenyl                           | mg/kg |   | 5   | N.D.   |
| Hexabromobiphenyl                            | 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>Polybrominated Diphenyl Ether (PBDEs)</b> |       |   |     |        |
| Monobromodiphenyl ether                      | mg/kg | With reference to US EPA 3540C, by solvent extraction and determined by GC/MS | 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.   |

Tested by : YK Cho, HJ Kim, MB Song

Notes : mg/kg = ppm = parts per million  
 < = Less than  
 N.D. = Not detected (<MDL)  
 MDL = Method detection limit

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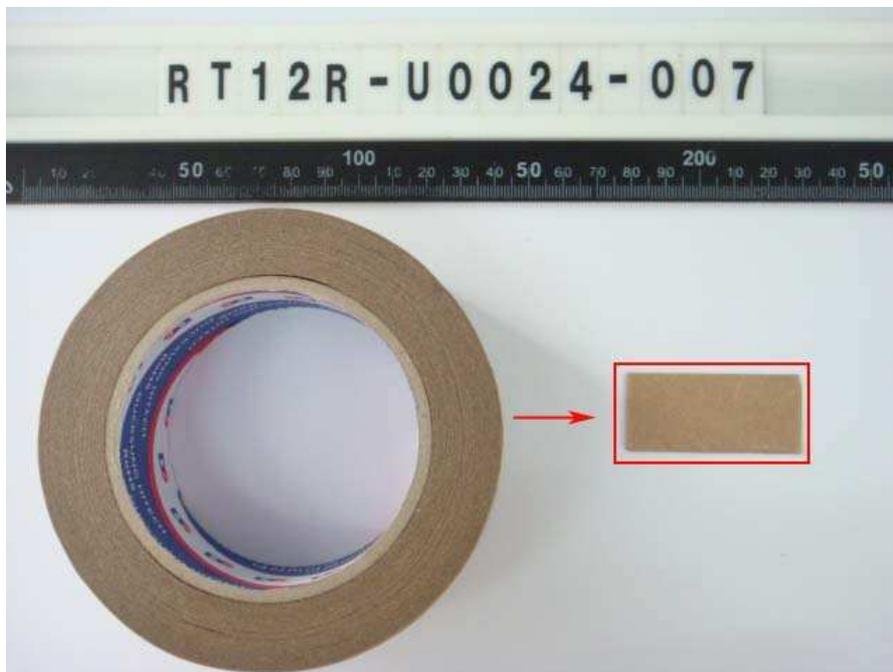
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Sample Description : Paper Adhesive Tape

\* View of sample as received;-



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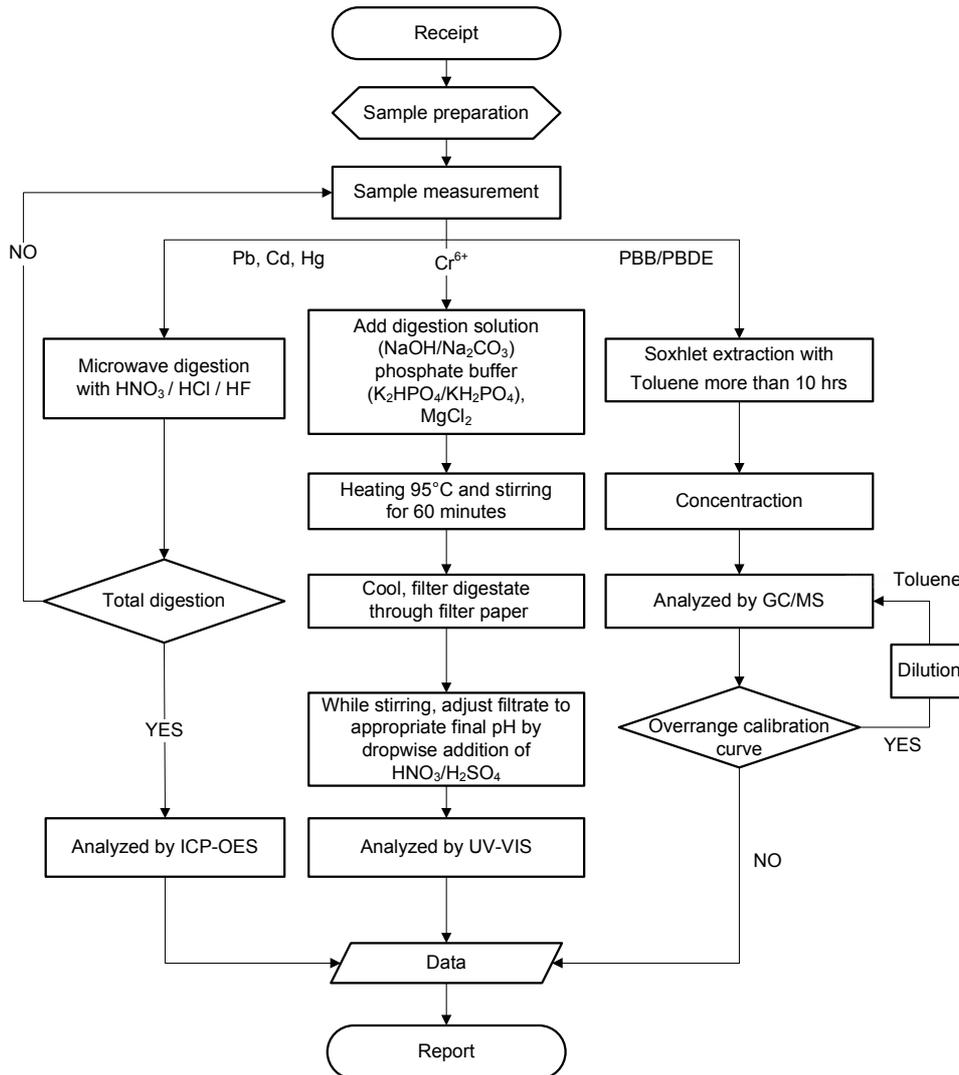
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Sample Description : Paper Adhesive Tape

**Flow Chart**  
( EPA 3052 for Cd, Pb, Hg / EPA 3060A for Cr<sup>6+</sup> / EPA 3540C for PBB/PBDE )



\*\* Remarks : The samples were dissolved totally by pre-conditioning method according to above flow chart.

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

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