

SUPERTEX INC.  
1235 BORDEAUX DRIVE SUNNYVALE, CA94089, USA

Report on the submitted sample said to be PRODUCT NAME : LEAD (PB)-FREE GREEN PACKAGING

SGS Job No. : 1837331  
Item/ Part No. : PQFP PACKAGING PRODUCT SERIES (e.g XXXXPG-G)  
Sample Receiving Date : AUG 10 2005  
Testing Period : AUG 11 - 16 2005

Test Requested : 1) To determine the Cadmium Content in the submitted sample.  
2) To determine the Lead Content in the submitted sample.  
3) To determine the Mercury Content in the submitted sample.  
4) To determine the Hexavalent Chromium Content on the submitted sample.  
5) To determine PBBs (polybrominated biphenyls) and PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test Method : 1-3) With reference to EPA Method 3051/ 3052.  
Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).  
4) With reference to EPA Method 3060A & 7196A.  
The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.  
5) With reference to SGS in-house method. Analysis was performed by GC/MS or LC/ MS.

Test Results : 1-5) Please refer to next page.

Signed for and on behalf of  
SGS Hong Kong Ltd



Ho Ka Ting, Family  
Laboratory Executive

**Test Results**

| Test Item                                  | 1     | Detection Limit |
|--|-------|-----------------|
| 1) Cadmium (Cd)                            | ND    | 2 ppm           |
| 2) Lead (Pb)                               | 8 ppm | 2 ppm           |
| 3) Mercury (Hg)                            | ND    | 2 ppm           |
| 4) Hexavalent Chromium (Cr <sup>6+</sup> ) | ND    | 2 ppm           |

(Results shown are of the total weight of samples)

Note : ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value

5)

| Flame Retardants                             | 1   | Detection Limit |
|--|-----|-----------------|
| <b>Polybrominated Biphenyls (PBBs)</b>       | --- | ---             |
| Monobromobiphenyl                            | ND  | 5 ppm           |
| Dibromobiphenyl                              | ND  | 5 ppm           |
| Tribromobiphenyl                             | ND  | 5 ppm           |
| Tetrabromobiphenyl                           | ND  | 5 ppm           |
| Pentabromobiphenyl                           | ND  | 5 ppm           |
| Hexabromobiphenyl                            | ND  | 5 ppm           |
| Heptabromobiphenyl                           | ND  | 5 ppm           |
| Octabromobiphenyl                            | ND  | 5 ppm           |
| Nonabromobiphenyl                            | ND  | 5 ppm           |
| Decabromobiphenyl                            | ND  | 5 ppm           |
| <b>Polybrominated Diphenylethers (PBDEs)</b> | --- | ---             |
| Monobromodiphenyl ether                      | ND  | 5 ppm           |
| Dibromodiphenyl ether                        | ND  | 5 ppm           |
| Tribromodiphenyl ether                       | ND  | 5 ppm           |
| Tetrabromodiphenyl ether                     | ND  | 5 ppm           |
| Pentabromodiphenyl ether                     | ND  | 5 ppm           |
| Hexabromodiphenyl ether                      | ND  | 5 ppm           |
| Heptabromodiphenyl ether                     | ND  | 5 ppm           |
| Octabromodiphenyl ether                      | ND  | 5 ppm           |
| Nonabromodiphenyl ether                      | ND  | 5 ppm           |
| Decabromodiphenyl ether                      | ND  | 5 ppm           |

Note : ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value.

**Sample Description :**

1. Black Plastic w/ White Printing w/ Silvery Chips w/ Silvery Metal w/ Bronze Printing w/ Silvery Pin

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

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