

CERTIFICATE NO.: MINDIV 030510-02

15-May-06

Sheet No. 1/2

Sample Description :

Report on the submitted sample said to be HEAT SHRINK TUBE.

1. Yellow Plastic w/ Black Printing

SGS Job No. : 30510-02
Sample Receiving Date : JUNE 27 2005
Testing Period : JULY 05 - 09 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) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
2) With reference to EPA Method 3050B/ 3051/ 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
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.

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Test Results :

<u>Element</u>	<u>1</u>	<u>Detection Limit</u>
1) Cadmium (Cd)	ND	2 ppm
2) Lead (Pb)	9 ppm	2 ppm
3) Mercury (Hg)	ND	2 ppm
4) Hexavalent Chromium (Cr ⁶⁺)	ND	2 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg
 ND = Not Detected
 Not detected was reported when the reading is less than detection limit value

5)

Flame Retardants	1	Detection Limit
Polybrominated Biphenyls (PBBs)	---	---
Monobromobiphenyl	ND	5 ppm
Dibromobiphenyl	ND	5 ppm
Tribromobiphenyl	ND	5 ppm
Tetrabromobiphenyl	ND	5 ppm
Pentabromobiphenyl	6 ppm	5 ppm
Hexabromobiphenyl	ND	5 ppm
Heptabromobiphenyl	ND	5 ppm
Octabromobiphenyl	ND	5 ppm
Nonabromobiphenyl	ND	5 ppm
Decabromobiphenyl	ND	5 ppm
Polybrominated Diphenylethers (PBDEs)	---	---
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	6 ppm	5 ppm
Octabromodiphenyl ether	16 ppm	5 ppm
Nonabromodiphenyl ether	43 ppm	5 ppm
Decabromodiphenyl ether	46 ppm	5 ppm

Note : ppm = mg/kg
 ND = Not Detected
 Not detected was reported when the reading is less than detection limit value.

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