



Test Report

No. 2038580/EC

Date : Oct 07 2005

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LEXAR MEDIA INCORPORATED
47300 BAYSIDE PARKWAY FREMONT,
CA 94538 UNITED STATES

This report is to supersede test report number 2028932/EC.

Report on the submitted sample said to be CF CARD.

SGS Job No. : 1806977
Style / Item No. : CF CARD: CF CARD 256 MB
Buyer : LEXAR MEDIA
Supplier : PC PARTNER
Manufacturer : EXCELSIOR ELECTRONICS LTD
Country of Origin : CHINA
Country of Destination : USA
Sample Receiving Date : JUL 04 2005
Testing Period : JUL 05 - 07 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 the Cadmium, Lead and Mercury content in the submitted metal sample.
6) 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 sample was alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.
5) With reference to in-house method. The sample was digested by acid. Analysis was performed by Atomic Absorption or Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES).
6) With reference to SGS in-house method. Analysis was performed by GC/MS or LC/MS.

Test Results : 1-6) Please refer to next page.

Signed for and on behalf of
SGS Hong Kong Ltd

Ho Ka Ting, Family
Laboratory Executive

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Test Results :

1-5) <u>Element</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Detection Limit</u>
Cadmium (Cd)	ND	ND	ND	ND	2 ppm
Lead (Pb)	ND	ND	ND	ND	2 ppm
Mercury (Hg)	ND	ND	ND	ND	2 ppm
Hexavalent Chromium (Cr ⁶⁺)	ND	ND	ND	ND	2 ppm

<u>Element</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>Detection Limit</u>
Cadmium (Cd)	ND	ND	ND	ND	ND	2 ppm
Lead (Pb)	ND	12ppm	ND	14ppm	ND	2 ppm
Mercury (Hg)	ND	ND	ND	ND	ND	2 ppm
Hexavalent Chromium (Cr ⁶⁺)	ND	ND	ND	ND	ND	2 ppm

<u>Element</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>Detection Limit</u>
Cadmium (Cd)	ND	ND	ND	ND	ND	2 ppm
Lead (Pb)	54ppm	ND	ND	21ppm	518ppm	2 ppm
Mercury (Hg)	ND	ND	ND	ND	ND	2 ppm
Hexavalent Chromium (Cr ⁶⁺)	ND	ND	ND	ND	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

Test Results (Cont'd) :

6)

Flame Retardants	1	2	3	4	Detection Limit
Polybrominated Biphenyls (PBBs)	---	---	---	---	---
Monobromobiphenyl	ND	ND	ND	ND	5 ppm
Dibromobiphenyl	ND	ND	ND	ND	5 ppm
Tribromobiphenyl	ND	ND	ND	ND	5 ppm
Tetrabromobiphenyl	ND	ND	ND	ND	5 ppm
Pentabromobiphenyl	ND	ND	ND	ND	5 ppm
Hexabromobiphenyl	ND	ND	ND	ND	5 ppm
Heptabromobiphenyl	ND	ND	ND	ND	5 ppm
Octabromobiphenyl	ND	ND	ND	ND	5 ppm
Nonabromobiphenyl	ND	ND	ND	ND	5 ppm
Decabromobiphenyl	ND	ND	ND	ND	5 ppm
Polybrominated Diphenylethers (PBDEs)	---	---	---	---	---
Monobromodiphenyl ether	ND	ND	ND	ND	5 ppm
Dibromodiphenyl ether	ND	ND	ND	ND	5 ppm
Tribromodiphenyl ether	ND	ND	ND	ND	5 ppm
Tetrabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Pentabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Hexabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Heptabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Octabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Nonabromodiphenyl ether	ND	ND	ND	ND	5 ppm
Decabromodiphenyl ether	ND	ND	ND	ND	5 ppm

Flame Retardants	5	6	7	8	9	Detection Limit
Polybrominated Biphenyls (PBBs)	---	---	---	---	---	---
Monobromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Dibromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Tribromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Tetrabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Pentabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Hexabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Heptabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Octabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Nonabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Decabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Polybrominated Diphenylethers (PBDEs)	---	---	---	---	---	---
Monobromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Dibromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Tribromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Tetrabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Pentabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Hexabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Heptabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Octabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Nonabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Decabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm

Note: ND = Not Detected

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

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Test Results (Cont'd) :

Flame Retardants	10	11	12	13	14	Detection Limit
Polybrominated Biphenyls (PBBs)	---	---	---	---	---	---
Monobromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Dibromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Tribromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Tetrabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Pentabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Hexabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Heptabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Octabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Nonabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Decabromobiphenyl	ND	ND	ND	ND	ND	5 ppm
Polybrominated Diphenylethers (PBDEs)	---	---	---	---	---	---
Monobromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Dibromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Tribromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Tetrabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Pentabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Hexabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Heptabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Octabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Nonabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm
Decabromodiphenyl ether	ND	ND	ND	ND	ND	5 ppm

Note: ND = Not Detected

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

Sample Description :

1. Transparent Blue Plastic w/ White Printing (Jump Drive Case)
2. Black Plastic (Pin Holder) (40-9012-01-LF)
3. Black Plastic (Memory Card Case)
4. Black Plastic (Housing)
5. Silvery Metal (USB Plug Case) (40-9012-01-LF)
6. Silvery / Golden Metal (Pin) (40-9012-01-LF)
7. Silvery Metal (Memory Card Case)
8. Golden / Silvery Metal (Pin Inside Memory Card's Housing)
9. Black Plastic w/ Silvery Metal (Media Chips) w/ Solder w/ Silvery Metal w/ Red Coating w/ Transparent Glass w/ Silvery Coating (Inside Chips)
10. Black Plastic w/ Silvery Metal w/ Solder w/ Transparent Glass w/ Silvery Coating (Samsung 513)
11. Semi-Transparent Plastic w/ White and Green Printing w/ Silvery Metal (PCB) (37-7189-00-LF)
12. Semi-Transparent Plastic w/ White and Green Printing w/ Silvery Metal (PCB) (37-7D04-06-LF, 35-7D04-06-LF)
13. Brown Ceramic w/ Silvery Metal (Chips 62)
14. White Ceramic w/ Black Printing w/ Silvery Metal (Chips 63)

*** End of Report ***

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