



## Test Report

Multitech Systems Pte Ltd  
25 Kallang Avenue #03-05  
Singapore 339416

Order No. : 10049421/06 (2)

Date : 10.03.2006

Page : 1 of 2

The following merchandise was (were) submitted and identified by the client as:

Sample Description : Lexar Memory Stick

Part Number : MS2GB-40-120

Sample Received : 28 Feb 2006

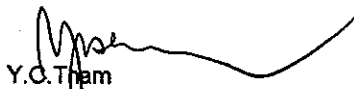
Testing Date : 28 Feb 2006 to 08 Mar 2006

Test Requested : 1) To determine the Hexavalent Chromium Content on the submitted sample.  
2) To determine the Cadmium Content on the submitted sample.  
3) To determine the Mercury Content on the submitted sample.  
4) To determine the Lead Content on the submitted sample.  
5) To determine PBB (Poly Brominated Biphenyls) and PBDE (Poly Brominated Diphenyl Ethers) Contents on the submitted sample.

Test Method : 1) With reference to SGS in-house Method RSTS E&E 004 (Standard: EPA 3060A/ 7196A), the analysis was performed colorimetrically by UV-Visible Spectrophotometer.  
2) With reference to SGS in-house Method RSTS E&E 003 (Standard: EPA 3051A/ 3052), the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry.  
3) With reference to SGS in-house Method RSTS E&E 003 (Standard: EPA 3051A/ 3052), the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry.  
4) With reference to SGS in-house Method RSTS E&E 003 (Standard: EPA 3051A/ 3052), the analysis was performed by Inductively Coupled Plasma-Atomic Emission Spectrometry.  
5) With reference to SGS in-house Method RSTS E&E 005 (Standard: EPA 3540C/ 3550C), the analysis was performed by Gas Chromtography-Mass Spectrometer.

Test Result : - Please see the next page -

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

  
Y.C. Tham  
Laboratory Manager

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# SGS

## Test Report

Multitech Systems Pte Ltd

Order No. : 10049421/06 (2)

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**Sample Description** : Lexar Memory Stick

**Part Number** : MS2GB-40-120

### Test Result

Test Item (s)	Result	Unit	Reporting Limit
Chromium VI (Cr <sup>+6</sup> )	N.D.	mg/kg	2
Cadmium (Cd)	N.D.	mg/kg	2
Mercury (Hg)	N.D.	mg/kg	2
Lead (Pb)	48.6	mg/kg	2

(Results shown are based on total weight of samples)

Monobromobiphenyl	N.D.	mg/kg	5
Dibromobiphenyl	N.D.	mg/kg	5
Tribromobiphenyl	N.D.	mg/kg	5
Tetrabromobiphenyl	N.D.	mg/kg	5
Pentabromobiphenyl	N.D.	mg/kg	5
Hexabromobiphenyl	N.D.	mg/kg	5
Heptabromodiphenyl	N.D.	mg/kg	5
Octabromodiphenyl	N.D.	mg/kg	5
Nonabromodiphenyl	N.D.	mg/kg	5
Decabromodiphenyl	N.D.	mg/kg	5
<b>Total PBBs (Polybrominated biphenyls) / Sum of above</b>	N.D.	mg/kg	-

Monobromodiphenyl ether	N.D.	mg/kg	5
Dibromodiphenyl ether	N.D.	mg/kg	5
Tribromodiphenyl ether	N.D.	mg/kg	5
Tetrabromodiphenyl ether	N.D.	mg/kg	5
Pentabromodiphenyl ether	N.D.	mg/kg	5
Hexabromodiphenyl ether	N.D.	mg/kg	5
Heptabromodiphenyl ether	N.D.	mg/kg	5
Octabromodiphenyl ether	N.D.	mg/kg	5
Nonabromodiphenyl ether	N.D.	mg/kg	5
Decabromodiphenyl ether	N.D.	mg/kg	5
<b>Total PBDEs(PBBEs) (Poly Brominated Diphenyl Ethers) / Sum of above</b>	N.D.	mg/kg	-
<b>Total Mono to Nona Polybrominated Diphenyl Ethers (Note 4)</b>	N.D.	mg/kg	-

NOTE : (1) N.D. = Not Detected (< Reporting Limit)

(2) ppm = mg/kg

(3) MDL = Method Detection Limit

(4) DecaBrominated Diphenyl Ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC under document 2005/717/EC.

(5) PBBEs = PBDEs = Poly Brominated Diphenyl Ethers = PBDOs = PBBOs

(6) Analysis was conducted on a composite (non-homogeneous) basis

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