

## Test Report

No. LPCI/22969(AD)/06  
CTS Ref. CTS/06/5916/Avago

Date : 2007/01/04

Page: 1 of 3

**AVAGO TECHNOLOGIES MANUFACTURING (S) PTE LTD**  
1 YISHUN AVENUE 7, SINGAPORE 768923.

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

Sample Description : Fiber Optical Transceiver AFCT-5805BZ, AFCT-5805xZ,  
AFCT -5815xZ, AFCT -5179xZ, AFCT -58x5xZ, AFCT-5869xZ  
and AFCT-5879xZ.  
Sample Receiving Date : 2006/12/27  
Testing Period : 2006/12/27 to 2007/01/04

---

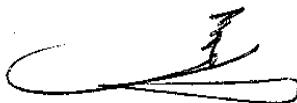
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its  
amendment directives.

Test Method : (1) With reference to BS EN 1122:2001, Method B for Cadmium  
Content.  
Analysis was performed by ICP  
(2) With reference to EPA Method 3050B for Lead Content.  
Analysis was performed by ICP  
(3) With reference to EPA Method 3052 for Mercury Content.  
Analysis was performed by ICP  
(4) With reference to EPA Method 3060A & 7196A for Hexavalent  
Chromium.  
Analysis was performed by UV/Vis Spectrophotometry.  
(5) With reference to EPA Method 3540C/3550B for PBB / PBDE  
Content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next page.

Analysts : Hasimah & Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

# Test Report

No. LPCI/22969(AD)/06  
 CTS Ref. CTS/06/5916/Avago

Date : 2007/01/04

Page: 2 of 3

Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	Result	MDL
Cadmium(Cd)	(1)	N.D.	2
Lead (Pb)	(2)	30	2
Mercury (Hg)	(3)	N.D.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	N.D.	2
<b>Sum of Polybrominated Biphenyl (PBBs)</b>	(5)	N.D.	50
Monobromobiphenyl		N.D.	5
Dibromobiphenyl		N.D.	5
Tribromobiphenyl		N.D.	5
Tetrabromobiphenyl		N.D.	5
Hexabromobiphenyl		N.D.	5
Pentabromobiphenyl		N.D.	5
Heptabromobiphenyl		N.D.	5
Octabromobiphenyl		N.D.	5
Nonabromobiphenyl		N.D.	5
Decabromobiphenyl		N.D.	5
<b>Sum of Polybrominated Diphenylethers (PBDEs)</b>		N.D.	50
Monobromodiphenyl ether		N.D.	5
Dibromodiphenyl ether		N.D.	5
Tribromodiphenyl ether		N.D.	5
Tetrabromodiphenyl ether		N.D.	5
Pentabromodiphenyl ether		N.D.	5
Hexabromodiphenyl ether		N.D.	5
Heptabromodiphenyl ether		N.D.	5
Octabromodiphenyl ether		N.D.	5
Nonabromodiphenyl ether		N.D.	5
Decabromodiphenyl ether		N.D.	5

Test Part Description :  
 As per page 3

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN  
 B.Sc.(HONS) AMIC  
 LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

## Test Report

No. LPCI/22969(AD)/06  
CTS Ref. CTS/06/5916/Avago

Date : 2007/01/04

Page: 3 of 3

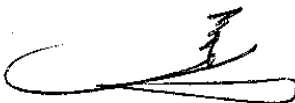
### Test Part Description :

Sample Description : Fiber Optical Transceiver AFCT-5805BZ, AFCT-5805xZ,  
AFCT -5815xZ, AFCT -5179xZ, AFCT -58x5xZ, AFCT-5869xZ  
and AFCT-5879xZ.

- Note :
- (1) mg/kg = ppm
  - (2) N.D. = Not Detected
  - (3) MDL = Method Detection Limit
  - (4) The above result based on composite testing as per client requirement.
  - (5) This report supersedes report no. LPCI/22969/06

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

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
LAB MANAGER

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issue defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.