

## Test Report

REPORT NO. : LPCI/08296/06  
CTS REF. : CTS/06/2162/Avago (S)  
DATE REPORTED : MAY 22, 2006  
PAGE : 1 of 3

Company : Messrs. Avago Technologies Manufacturing (Singapore) Pte. Ltd.

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

Sample Description : Fiber Optical Transceiver (HFBR-1115TZ)  
Part No. : HFBR-1115TZ, HFBR-1116TZ, HFBR-1119TZ  
Sample Received : 2006/05/16  
Testing Date : 2006/05/16 TO 2006/05/22

**Test Result** : Please see the next page

Analysts: Audrey Kua, Jocelyn

SGS LABORATORY SERVICES (M) SDN. BHD.



CHONG KIEN LEN  
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### Test Result

Sample Description : Fiber Optical Transceiver (HFBR-1115TZ)  
Part No. : HFBR-1115TZ, HFBR-1116TZ, HFBR-1119TZ

Test Item (s) :	Unit	Method	MDL	Result
Chromium VI (Cr6+)	ppm	UV-Vis as per EPA 3060 A / 7196 A	2	N.D.
Cadmium (Cd)	ppm	ICP-OES as per EN 1122, method B:2001	2	N.D.
Lead (Pb)	ppm	ICP-OES as per US EPA 3050B	2	N.D.
Mercury (Hg)	ppm	ICP-OES as per US EPA 3052	2	N.D.

NOTE: (1) N.D. = Not detected (<MDL)  
(2) ppm = mg/kg  
(3) MDL= Method Detection Limit

Analyst: Audrey Kua

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## Test Result

Sample Description : Fiber Optical Transceiver (HFBR-1115TZ)  
 Part No. : HFBR-1115TZ, HFBR-1116TZ, HFBR-1119TZ

Test Item (s) :	Unit	Method	MDL	Result
<b>PBBs (Polybrominated Biphenyls)</b>				
Monobromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Dibromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Tribromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Tetrabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Pentabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Hexabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Heptabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Octabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Nonabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Decabromo Biphenyl	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
<b>PBDEs (Polybrominated Diphenyl ethers)</b>				
Monobromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Dibromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Tribromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Tetrabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Pentabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Hexabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Heptabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Octabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Nonabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.
Decabromo Diphenyl Ether	%	GCMS as per EPA 3540C/3550B	0.0005	N.D.

NOTE: (1) N.D. = Not detected (<MDL)  
 (2) MDL = Method Detection Limit

Analyst: Jocelyn

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