



Survey Report

NO.: A07120803T

Date: Dec 13, 2007

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Customer: LONGTECH OPTICS CO., LTD

Address: 5F, HUIYUE BUILDING, 6-8# FANGHU ROAD, XIAMEN FUJIAN, CHINA

Report on the submitted sample said to be

Sample name: LCD MODULE

Model: LCM1602B-FL-YBW

Item/Lot No.: /

Material: /

Buyer: /

Supplier: /

Manufacturer: /

Reports received date: Dec 06, 2007

Requisition: To combine the test reports for the submitted sample

Conclusion: All reports as specified by client, determine the Lead, Cadmium, Mercury, Hexavalent Chromium and/ or PBB & PBDE content in the submitted samples which are restricted in Directive 2002/95/EC (RoHS).

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE (S)*****

Signed for AOV Ltd.

Written by

Tina

Inspected by

Wally

Approved by



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Test Results:

| No. | Sample description in report | Unit | Lead (Pb) | Cadmium (Cd) | Mercury (Hg) | Chromium (Cr/VI) |
|-----|--|------|-----------|--------------|--------------|------------------|
| 1-1 | ZJDA BOTTOM BACK LIGHT (Transparent liquid) | ppm | N.D. | N.D. | N.D. | N.D. |
| 1-2 | ZJDA BOTTOM BACK LIGHT (White "PCB" (mixed)) | ppm | 127 | N.D. | N.D. | N.D. |
| 1-3 | ZJDA BOTTOM BACK LIGHT (White adhesive sheet) | ppm | N.D. | N.D. | N.D. | N.D. |
| 1-4 | ZJDA BOTTOM BACK LIGHT (White plastic frame) | ppm | N.D. | N.D. | N.D. | N.D. |
| 1-5 | ZJDA BOTTOM BACK LIGHT (Silvery metal wire) | ppm | 47 | N.D. | N.D. | N.D. |
| 1-6 | ZJDA BOTTOM BACK LIGHT (Silvery metal pin) | ppm | N.D. | N.D. | N.D. | N.D. |
| 2-1 | 透明玻璃 | ppm | N.D. | N.D. | N.D. | N.D. |
| 2-2 | 带有银色衬背和粘性的灰色塑料片状物 | ppm | N.D. | N.D. | N.D. | N.D. |
| 2-3 | 银色金属端子 | ppm | 47 | N.D. | N.D. | Negative |
| 2-4 | 半透明液体 | ppm | N.D. | N.D. | N.D. | N.D. |
| 3 | 铁板 (带有黑色涂层的金属 (混合)) | ppm | N.D. | N.D. | N.D. | N.D. |
| 4 | 印刷线路板 (铜板) (绿色 "PCB" (混合)) | ppm | 28 | N.D. | N.D. | N.D. |
| 5 | 硅橡胶白色、红色夹层发理条 (带有黑色夹层的粉红色片+带有黑色夹层的白色片) | ppm | 35 | 4 | N.D. | N.D. |
| 6 | 黑色透明夹层导电胶条 (带有黑色夹层的半透明片状物) | ppm | 4 | N.D. | N.D. | N.D. |
| 7 | CHIP RESISTOR NETWORK SERIES (Grey "chip capacitor" (mixed)) | ppm | N.D. | N.D. | N.D. | N.D. |
| 8 | BLACK EPOXY (Black paste) | ppm | N.D. | N.D. | N.D. | N.D. |
| 9 | GOLDEN BUMP | ppm | N.D. | N.D. | N.D. | N.D. |
| 10 | LEAD-FREE SOLDER PASTER (Grey paste) | ppm | 44 | N.D. | N.D. | N.D. |

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Note:

-N.D.= not detected (<2ppm)

-ppm=mg/kg

Test Results:

| Flame Retardants | Unit | No.1- | No.1- | No.1- | No.1- | No.2-1 | No.2- | No.2- | No.4 | No.6 |
|------------------|------|-------|-------|-------|-------|--------|-------|-------|------|------|
| | | 1 | 2 | 3 | 4 | | 2 | 4 | | |
| PBBs | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MonoBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| DiBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| TriBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| TetraBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| PentaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| HexaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| HeptaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| OctaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| NonaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| DecaBB | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| PBDEs | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MonoBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| DiBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| TriBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| TetraBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| PentaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| HexaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| HeptaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| OctaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| NonaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |
| DecaBDE | ppm | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. |

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| Flame Retardants | Unit | No.7 | No.8 | No.9 | No.10 |
|------------------|------|------|------|------|-------|
| PBBs | -- | -- | -- | -- | -- |
| MonoBB | ppm | N.D. | N.D. | N.D. | N.D. |
| DiBB | ppm | N.D. | N.D. | N.D. | N.D. |
| TriBB | ppm | N.D. | N.D. | N.D. | N.D. |
| TetraBB | ppm | N.D. | N.D. | N.D. | N.D. |
| PentaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| HexaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| HeptaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| OctaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| NonaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| DecaBB | ppm | N.D. | N.D. | N.D. | N.D. |
| PBDEs | -- | -- | -- | -- | -- |
| MonoBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| DiBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| TriBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| TetraBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| PentaBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| HexaBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| HeptaBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| OctaBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| NonaBDE | ppm | N.D. | N.D. | N.D. | N.D. |
| DecaBDE | ppm | N.D. | N.D. | N.D. | N.D. |

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Note:

-N.D.= not detected (<5ppm)

-ppm=mg/kg

-(Deca BDE) In polymeric applications is exempted by commission Decision of 13 Oct 2005 amending directive 2002/95/EC notified under document 2005/717/EC.

Note:

- Results of No.1 refer to test report GZ0708112932/CHEM
- Results of No.2 refer to test report GZ0706078632A/CHEM
- Results of No.3 refer to test report GZ0703040954/CHEM
- Results of No.4 refer to test report GZ0703038681/CHEM
- Results of No.5 refer to test report GZSCR050534361/LP
- Results of No.6 refer to test report GZ0705065612/CHEM
- Results of No.7 refer to test report GZ0704053638/CHEM
- Results of No.8 refer to test report GZ0703034867/CHEM
- Results of No.9 refer to test report CE/2006/93744
- Results of No.10 refer to test report GZ0708115539/CHEM

Issue date

Aug 15,2007
Jun 15,2007
Mar 28,2007
Mar 27,2007
Jun 06,2005
May 16,2007
Apr 19,2007
Mar 22,2007
Sep 21,2006
Aug 22,2007

Note:

-Test results are from other testing organizations. AOV testing technology Co., Ltd has no liability to assume the verification of the authenticity of the above test reports results.

-Photograph is included.

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Photograph of Sample



LCD MODULE

End of Report