

Test Report

Report No : TUV(I)/388/16-17/0041600865

Date : 19 Apr 2016



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Name and address of customer : **Fine Trak Systems**
B- 57-58, G.I.D.C. Electronics, Sector- 25,
Gandhinagar

Name of the sample : **PCB FTS LED 18W 9.5**

Lab sample Id No. : **0041600865**

Mfg. date/Best before : **-**

Batch No./ Code no. : **Alu 1.0m**

Objectives Of Examination : To test for compliance with Commission Regulation (EU) No 65/2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
Testing is Performed on individual component as per Customer's Request.

Regulation Requirement : As per Annexure II of the Commission Regulation (EU) No 65/2011.

Description of sample : One sample of 'PCB FTS LED 18W 9.5' received for analysis of Cadmium, Hexavalent Chromium, Lead, Mercury, Polybrominated Biphenyls & Polybrominated Diphenyl Ethers. Enclosure-Sample Images

Date of sample receipt : **11 Apr 2016**

Date(s) of analysis : **12 Apr 2016 -19 Apr 2016**

Sample drawn by : **Customer**

| | |
|-------------------|--|
| Conclusion | Given Sample Conforms with Commission Regulation (EU) No 65/2011 on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment for above mentioned test parameters. |
|-------------------|--|

| Sr. No. | Name of Analyte | Result | Unit | Detection Limit | Limits as per ROHS Directive | Test Method |
|---------------------------------------|---------------------------|--------|-------|-----------------|------------------------------|---|
| 1 | Cadmium | <10 | mg/kg | 10 mg/kg | 100 mg/kg | Method based on IEC 62321 : 2008 & Committee Draft 111/95/CDV |
| 2 | Lead | 12 | mg/kg | | 1000 mg/kg | |
| 3 | Mercury | <10 | mg/kg | | 1000 mg/kg | |
| 4 | Hexavalent Chromium | <10 | mg/kg | | 1000 mg/kg | |
| Polybrominated Diphenyl Ethers | | | | | | |
| 5 | Mono-Bromodiphenyl Ether | <10 | mg/kg | 10 mg/kg | 1000 mg/kg | Method based on IEC 62321 : 2008 & Committee Draft 111/95/CDV |
| | Di-Bromodiphenyl Ether | <10 | | | | |
| | Tri-Bromodiphenyl Ether | <10 | | | | |
| | Tetra-Bromodiphenyl Ether | <10 | | | | |
| | Penta-Bromodiphenyl Ether | <10 | | | | |
| | Hexa-Bromodiphenyl Ether | <10 | | | | |
| | Hepta-Bromodiphenyl Ether | <10 | | | | |
| | Octa-Bromodiphenyl Ether | <10 | | | | |
| | Nona-Bromodiphenyl Ether | <10 | | | | |
| | Decabromodiphenyl Ether | <10 | | | | |
| Polybrominated Biphenyls | | | | | | |
| 6 | Mono-Bromobiphenyl | <10 | mg/kg | 10 mg/kg | 1000 mg/kg | Method based on IEC 62321 : 2008 & Committee Draft 111/95/CDV |
| | Di-Bromobiphenyl | <10 | | | | |
| | Tri-Bromobiphenyl | <10 | | | | |
| | Tetra-Bromobiphenyl | <10 | | | | |
| | Penta-Bromobiphenyl | <10 | | | | |
| | Hexa-Bromobiphenyl | <10 | | | | |
| | Hepta-Bromobiphenyl | <10 | | | | |
| | Octa-Bromobiphenyl | <10 | | | | |
| | Decabromobiphenyl | <10 | | | | |

Note : Limits are as per Annexure II of EU/65/2011 Restriction of the use of Hazardous Substances (ROHS) Directive.

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Sample image is authentic only for the original Test Report

Verified By
(Atulkumar Rajage)

In charge - Liquid Chromatography

1. Test Results are based on & related only to the particular sample(s) tested.
2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd., Laboratory Division.
3. This Certificate reflects our findings at the time and place of testing.
4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
5. This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes.

Authorized by
(Dr. Bharat Ugare)
In charge Instrumentation (GC)

End of Report

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