

Test Report No. 3823479

Date : 13-Mar-2018

Page 1 of 4

**Client : Thai Laminate Manufacturer Co., Ltd.
70 Soi Chalongkrung 31, Kwang Lamplatew,
Latkrabang Bangkok 10520 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Name : TLM-LAMINATE FR4 TLM-170(t)
Sample Description : LAMINATE
Sample No. : 3928032
Sample Condition : Sample is contained in a plastic bag.
Quantity Submitted : 3 pcs
Part No. : 3L162-04211-56504900-L1
Batch/Lot No. : LR18020003
Manufacturer/Vendor : TLM
Country of Origin : THAILAND
Sample Receiving Date : 21-Feb-2018
Testing Period : 21-Feb-2018 to 13-Mar-2018

Test Method & Results : Please refer to next page(s).

Test Requested & Result Summary

Test Requested : Please refer to the result summary (Test parameter(s) was/were selected by client).

Result Summary:

Test Requested	Conclusion
- Tetrabromobisphenol A (TBBP-A)	See result

Remark: Test results in this report are applicable for the item tested and reflects the tested sample as received.

**Signed for and on behalf of
SGS (Thailand) Limited**

**Rutchuporn Moungsom
Laboratory manager - Toy and Hardgood**

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

TEST RESULTS

Tetrabromobisphenol A

Method: With reference to Global SOP RSTS-E&E-121(2012). Analysis was performed by LC/MS.

Test Item(s)	Unit	MDL	Result (1)
Tetrabromobisphenol A (TBBP-A) (CAS No.: 79-94-7)	mg/kg	10	n.d.

Sample Description :

1. Brown sheet

Note :1. mg/ kg = ppm ; 0.1wt% = 1000ppm

2. n.d. = Not Detected = less than MDL

3. MDL = Method Detection Limit

4. The test item was performed by SGS Taiwan Ltd.

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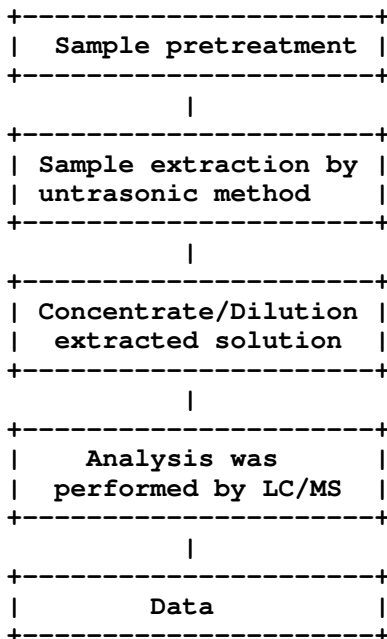
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TBBP-A Analytical Flow chart

- 1) Technician: Yaling Tu
- 2) Supervisor: Troy Chang



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SAMPLE/ATTACHMENT PICTURE



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

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