

**Test Report No.** 3823475

**Date :** 13-Mar-2018

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**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-PREPREG FR4 TLM-150(mt)  
Sample Description : LAMINATE  
Sample No. : 3928036  
Sample Condition : Sample is contained in a plastic bag.  
Quantity Submitted : 13 pcs  
Part No. : 3P063-7628H-4950-11  
Batch/Lot No. : P180200102  
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**

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

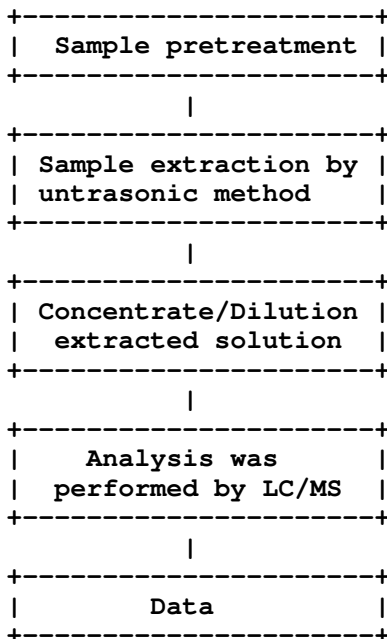
4. The test item was performed by SGS Taiwan Ltd.

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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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