



**METHOD OF TEST**

**1. Analysis of Halogenated Solvents and Aromatic Solvents**

The sample was cut into small pieces and then analyzed by Headspace-Gas Chromatography with Mass Selective Detector (GC-MSD).

**2. Elemental Analysis for Lead (Pb), Mercury (Hg) and Cadmium (Cd)**

The sample was digested by inorganic acid, followed by analysis using Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES).

**3. Elemental Analysis for Hexavalent Chromium (Cr<sup>6+</sup>)**

The sample was analysed by UV-Vis Spectrometer using 1,5-Diphenylcarbohydrazide as derivatizing agent.

**RESULTS**

Table 1. Analytical Results for "Quick-Step Laminate Flooring" Sample

Test item	Test Result	Method Detection Limit	GLS035 Criteria	Inferred Remark
Mercury	Not Detected	5 ppm,w/w	Not Detected	Pass
Lead	Not Detected	5 ppm,w/w	Not Detected	Pass
Cadmium	Not Detected	5 ppm, w/w	Not Detected	Pass
Chromium	Not Detected	5 ppm, w/w	Not Detected	Pass
Halogenated Solvents	Not Detected	250 ppm,w/w	Not Detected	Pass
Aromatic Solvents	Not Detected	250 ppm,w/w	Not Detected	Pass

MS JULINE SIM  
TECHNICAL EXECUTIVE

for DR LI SIHAI  
AVP / SENIOR CHEMIST  
MICROCONTAMINATION DIAGNOSIS  
CHEMICAL & MATERIALS

# TEST REPORT: 7191033072-CHM12-JS-CR01

Date: 09 MAY 2012

Tel: +65 68851335 Fax: +65 67784301

Client's Ref:

Email: [sihai.li@tuv-sud-psb.sg](mailto:sihai.li@tuv-sud-psb.sg)



PSB Singapore

**Note:** This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.

**Choose certainty.  
Add value.**

## **SUBJECT**

Evaluation of "Quick-Step Laminate Flooring" Sample for Singapore Green Labelling Purpose – GLS 035 Requirements.

## **CLIENT**

Unilin BVBA  
Division Flooring  
Ooigemstraat 3  
8710 Wielsbeke  
Belgium

Attn : Mr Teo Su Ming

## **SAMPLE SUBMISSION DATE**

30 Apr 2012

## **DESCRIPTION OF SAMPLE**

One sample labelled as "Quick-Step Laminate Flooring" was received

## **DATE OF TEST**

30 Apr 2012 – 09 May 2012



TÜV SÜD PSB

Laboratory:  
TÜV SÜD PSB Pte. Ltd.  
No.1 Science Park Drive  
Singapore 118221

Phone : +65-6885 1333  
Fax : +65-6776 8670  
E-mail: [testing@tuv-sud-psb.sg](mailto:testing@tuv-sud-psb.sg)  
[www.tuv-sud-psb.sg](http://www.tuv-sud-psb.sg)  
Co. Reg : 199002667R

Regional Head Office:  
TÜV SÜD Asia Pacific Pte. Ltd.  
3 Science Park Drive, #04-01/05  
The Franklin, Singapore 118223  
TUV®

# TEST REPORT: 7191033072-CHM12-JS-CR01

09 MAY 2012



PSB Singapore

Please note that this Report is issued under the following terms :

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
3. Nothing in this report shall be interpreted to mean that TÜV SÜD PSB has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
4. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD PSB or to the report or results furnished by TÜV SÜD PSB in any advertisements or sales promotion.
5. Unless otherwise stated, the tests were carried out in TÜV SÜD PSB Pte Ltd, No.1 Science Park Drive Singapore 118221.

July 2011

