



Produktprüfung  
Zertifizierung  
Qualitätssicherung

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Akkreditiertes Prüflabor  
nach DIN EN ISO/IEC 17025



## Test report no 39833-001 B (II)

<b>Customer:</b>	<b>Wall-Art Hong Kong Ltd., Sheung Wan, Hong Kong</b>
<b>Sample name according to customer:</b>	<b>Wall Art 3d wall panels (made of sugarcane)</b>
Sample provision:	Customer
Sample arrival:	25.03.2013
Date of test report:	24.06.2013
Number of pages of test report:	5
Targets of testing:	See index
Testing laboratories:	eco-INSTITUT GmbH Cologne except* outsourced

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**Overview of samples**

eco-no of sam- ple	Sample name	Condition of sam- ple at arrival	Composition of materials	Materials	Sample sort
A001	3d wall panels	Without objection	Sugarcane	Wall covering	Wall panel

**Note:** These test results refer to the submitted test sample object only. The validity of the test report amounts to 3 years maximum. The report loses immediately its validity as soon as the composition of the test sample or the method of production of the test sample changes. A publication of the report in total or in extracts may only be performed after approval.

## 1 Formaldehyde according to EN 12149 (Flask method)

### Target of testing:

Formaldehyde

### Testing method:

Analysis: EN 12149 i.A.

Limit of detection : 5 mg/kg

### Test result:

Sample no:	Parameter	Concentration (Material) [mg/kg]
A001	Formaldehyde	< 5

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## 2 Vinyl chloride

### Target of testing:

Vinyl chloride

### Testing method:

Analysis: Headspace GC/MS according to EN 12149

Limit of detection: 0,1 mg/kg

### Test result:

Sample	Parameter	Emission [mg/kg]
A001	Vinyl chloride	<0,1

**3 Heavy metals \*****Target of testing:**

Heavy metals

**Testing method:**

Analysis:

EN 12149

Quantitative detection according to DIN EN ISO 17294-2

"Detection of 62 elements via ICP-MS".

Use of rhodium and rhenium as internal standards; calibration of the ICP-MS via multielemental standards (simple linear)

Limit of detection:

See below

**Test result:**

Sample no:

A001

Parameter	Limit of detection [mg/kg]	Concentration (Material) [mg/kg]
Antimony (Sb)	1	Not detected
Arsenic (As)	1	Not detected
Barium (Ba)	5	Not detected
Lead (Pb)	0,1	Not detected
Cadmium (Cd)	0,1	Not detected
Chromium total (Cr)	2	Not detected
Mercury (Hg)	0,1	Not detected
Selenium (Se)	5	Not detected

Cologne, 2013-06-24



Dr. rer.-nat. Hans-Ulrich Krieg

(Technical manager)

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