



**BUREAU
VERITAS**

Technical Report: (9615) 258-0098
Date Received: SEPTEMBER 15, 2015

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DANG THI THANH MAI
PLANTATION GROWN TIMBERS (VIETNAM) LIMITED
NUMBER 9, ROAD 10, SONG THAN 1 INDUSTRIAL PARK, DI AN DISTRICT, BINH DUONG PROVINCE, VIETNAM

Sample Description:	COCOBU QTA QUEEN BED	Sample Size:	01 PC
Vendor:	PLANTATION GROWN TIMBERS (VIETNAM) LIMITED		
Manufacturer:	/	VPN:	/
Buyer:	/	SKN/SKU No.:	/
Agent:	/		
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	/
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	PRODUCTION	ITEM#:	COB001/Q/QTA
Color:	/	Date of Production:	/
Program:	/	Model/Style#:	/
Previous No:	N/A	Country of Destination:	/

TEST:

- Dimethyl Fumarate (DMFU)
- Pentachlorophenol (PCP) Content
- EN 71 Pt.9 Formaldehyde Content In Wood

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

- The Dimethyl Fumarate (DMFU) test of the client's specification.
- The formaldehyde release requirement in accessible resin-bonded wood components of the European Standard, "Safety of Toys: Organic Chemical Compounds - Requirement", EN 71: Part 9: 2005, and Amendment A1: 2007, when tested according to the method BS EN 717-3.
- The requirement of pentachlorophenol (PCP) content.

Note(s):

- This report includes the test result(s) which was conducted & reviewed by Analytical department.



BVCPS Contact information for this report.

Technical questions:

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

TERRY NGUYEN
AUTHORIZE REPORT APPROVER

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	Wooden Slat	Wood	-
I002	Wooden Side rail	Wood	-
I003	Wooden HeadBoard/ FootBoard	Wood	-

TEST RESULT

Formaldehyde Release from Accessible Resin-bonded Wood Components - EN 71 Part 9: 2005 with Amendment A1: 2007

Test Method : BS EN 717-3: 1996.

Maximum Allowable Limit :	80 mg/kg
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	Unit	Result		
Test Item(s)	-	I001	I002	I003
Parameter	-	-	-	-
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	mg/kg	ND	ND	ND
Trial 2	mg/kg	ND	ND	ND
Average Formaldehyde	mg/kg	ND	ND	ND
Moisture Content	%	9.92	10.2	9.6
Conclusion		PASS	PASS	PASS

Note / Key :

ND = Not detected “>” = Greater than
 mg/kg = milligram(s) formaldehyde per kilogram oven-dry board % = percent
 Detection Limit (mg/kg) : 10

Remark :

- Result(s) of moisture content was (were) reported from the average of two trials.

TEST RESULT

Pentachlorophenol (PCP) Content in Consumer Products - German Ordinance on Prohibitions and Restrictions on the Marketing of Dangerous Substances, Preparations and Products under the Chemicals Act (ChemVerbotsV), Appendix, Section 15, Column 2, Point 3

Test Method : With reference to LFGB § 64 BVL B 82.02.08: 2001.

Maximum Allowable Limit :	5 mg/kg		
Test Item(s)	Result	Unit	Conclusion
I001	ND	mg/kg	PASS
I002	ND	mg/kg	PASS
I003	ND	mg/kg	PASS

Note / Key :

"<" = Less than ">" = Greater than
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
LFGB = Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch = Food, Commodities and Feed Code
BVL = Bundesamt für Verbraucherschutz und Lebensmittelsicherheit = Federal Office of Consumer Protection and Food Safety
Detection Limit (mg/kg) :
Without cleanup treatment - 5
With cleanup treatment - 0.05

Remark :

- Cleanup treatment is needed to be carried out when the matrix of Test Item(s) is serious (High sample matrix effect) or a low detection limit is needed to be obtained.
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TEST RESULT

Dimethyl Fumarate Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment, Entry 61

Maximum Allowable Limit :	0.1 mg/kg
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Test Item(s)	Result	Unit	Conclusion
I001	ND	mg/kg	PASS
I002	ND	mg/kg	PASS
I003	ND	mg/kg	PASS

Note / Key :

ND = Not detected ">" = Greater than
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
Detection Limit (mg/kg) : 0.03

Remark :

- The Chemical Abstracts Service registry number (CAS-No.) and European Commission number (EC No.) of Dimethyl Fumarate are 624-49-7 and 210-849-0 respectively.



