

Test Report

Customer: Consumer Lab Denmark
Industrivej 9 AC
DK-5500 Middelfart
Denmark

Contact Person: Mr. Torben Foged

Date of Order: 21.02.2025

BV Order No.: -
Report No.: (25425)062-598973
Report Version: 1

Report Date: 03.03.2025

Sample Information

Testing Requirements: Tested according to "ordered" requirements

Sample Description: Toy material 5 mm MDF, CATEIT TOWN & Toy material 3 mm HDF, Magic Farm

Customer Reference: CRATEIT ApS

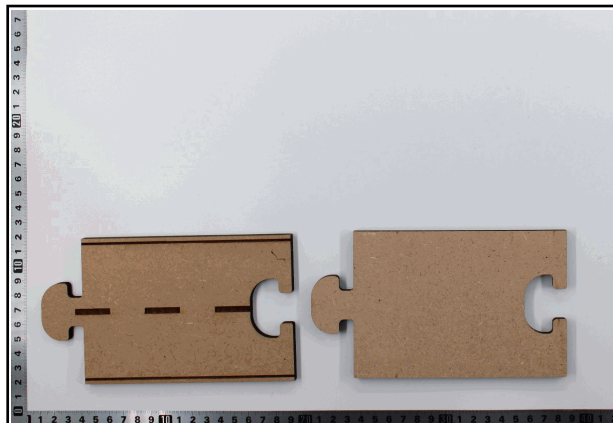
Sample Reception: 26.02.2025

Performance Date: 26.02.2025 - 03.03.2025

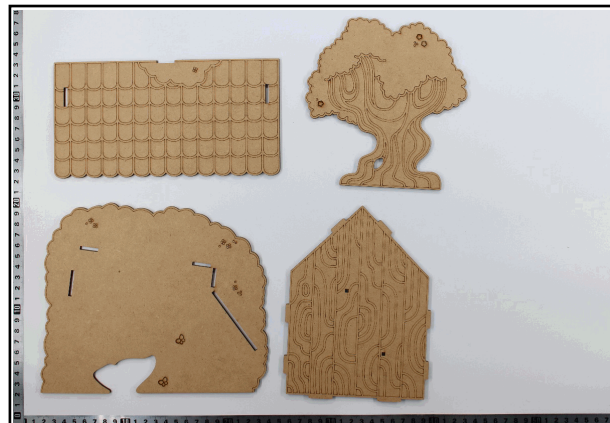
Sampled By: client

Submitted Samples

No. 1



No. 2





Report No.: (25425)062-598973

Summary of Test Results
Tested according to "ordered" requirements

Tests required	Evaluation	Remark
Formaldehyde	Pass	
Heavy metals, migration of certain elements - DIN EN 71-3:2021-06 (Screening Test), 2009/48/EC Heavy metals, also in accordance with EN 14350-2:2020-08 and EN 1400:2013+A2:2018	Pass	

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Report No.: (25425)062-598973

Tested Samples

Article No	Sample ID	Sample description	
	598973-01	1) Wood (N25041)	
	598973-02	2) Wood (N25042)	

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D-PL-12024-02-00

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Test Results

Tested according to "ordered" requirements

Sample Description: 1) Wood (N25041)		Lab Reference No: 598973-01	
Test Method / Standard: Heavy metals, migration of certain elements - scraped off toy material: EN 71-3:2019+A2:2024, reporting limits: Cr III / Cr VI: 0.05 mg/kg, Hg / organic tin: 0.1 mg/kg, As / Ba / Cd / Co / Mn / Ni / Pb / Sb / Se / Sn / Sr: 1 mg/kg, Al / B / Cu / Zn: 10 mg/kg; special case: Hg: 0.02 mg/kg		Test Location & Accreditation: Parameter has been analyzed at accredited BVCPS laboratory Schwerin.	
Parameter	Limit	Value	Evaluation
Aluminium (Al)	≤ 28130 mg/kg	<10 mg/kg	Pass
Antimony (Sb)	≤ 560 mg/kg	<1 mg/kg	Pass
Arsenic (As)	≤ 47 mg/kg	<1 mg/kg	Pass
Barium (Ba)	≤ 18750 mg/kg	6.06 mg/kg	Pass
Boron (B)	≤ 15000 mg/kg	17.6 mg/kg	Pass
Cadmium (Cd)	≤ 17 mg/kg	<1 mg/kg	Pass
Chromium (Cr)	≤ 460 mg/kg	<0.05 mg/kg	Pass
Chromium III	≤ 460 mg/kg	Test not necessary	-
Chromium VI	≤ 0.053 mg/kg	Test not necessary	-
Cobalt (Co)	≤ 130 mg/kg	<1 mg/kg	Pass
Copper (Cu)	≤ 7700 mg/kg	<10 mg/kg	Pass
Lead (Pb)	≤ 23 mg/kg	<1 mg/kg	Pass
Manganese (Mn)	≤ 15000 mg/kg	97.0 mg/kg	Pass
Mercury (Hg)	≤ 94 mg/kg	<0.1 mg/kg	Pass
Nickel (Ni)	≤ 930 mg/kg	<1 mg/kg	Pass
Organic tin	≤ 12 mg/kg	Test not necessary	-
Selenium (Se)	≤ 460 mg/kg	<5 mg/kg	Pass
Strontium (Sr)	≤ 56000 mg/kg	3.61 mg/kg	Pass
Tin (Sn)	≤ 180000 mg/kg	<1 mg/kg	Pass
Zinc (Zn)	≤ 46000 mg/kg	<10 mg/kg	Pass
Remark: Information about analysis: According to this standard, it was necessary to adjust the pH-value of the sample extract.			
Test Method / Standard: Formaldehyde in wood-based panels: DIN EN 717-3:1996-05, reporting limit: 5 mg/kg atro		Test Location & Accreditation: Parameter has been analyzed at accredited BVCPS laboratory Schwerin.	
Parameter	Limit	Value	Evaluation
Moisture content		3.6 %	No Specification
Formaldehyde	≤ 80 mg/kg	<5 mg/kg	Pass

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Report No.: (25425)062-598973

Sample Description: 2) Wood (N25042)		Lab Reference No: 598973-02	
Test Method / Standard: Heavy metals, migration of certain elements - scraped off toy material: EN 71-3:2019+A2:2024, reporting limits: Cr III / Cr VI: 0.05 mg/kg, Hg / organic tin: 0.1 mg/kg, As / Ba / Cd / Co / Mn / Ni / Pb / Sb / Se / Sn / Sr: 1 mg/kg, Al / B / Cu / Zn: 10 mg/kg; special case: Hg: 0.02 mg/kg		Test Location & Accreditation: Parameter has been analyzed at accredited BVCPS laboratory Schwerin.	
Parameter	Limit	Value	Evaluation
Aluminium (Al)	≤ 28130 mg/kg	<10 mg/kg	Pass
Antimony (Sb)	≤ 560 mg/kg	<1 mg/kg	Pass
Arsenic (As)	≤ 47 mg/kg	<1 mg/kg	Pass
Barium (Ba)	≤ 18750 mg/kg	5.61 mg/kg	Pass
Boron (B)	≤ 15000 mg/kg	<10 mg/kg	Pass
Cadmium (Cd)	≤ 17 mg/kg	<1 mg/kg	Pass
Chromium (Cr)	≤ 460 mg/kg	<0.05 mg/kg	Pass
Chromium III	≤ 460 mg/kg	Test not necessary	-
Chromium VI	≤ 0.053 mg/kg	Test not necessary	-
Cobalt (Co)	≤ 130 mg/kg	<1 mg/kg	Pass
Copper (Cu)	≤ 7700 mg/kg	<10 mg/kg	Pass
Lead (Pb)	≤ 23 mg/kg	<1 mg/kg	Pass
Manganese (Mn)	≤ 15000 mg/kg	74.6 mg/kg	Pass
Mercury (Hg)	≤ 94 mg/kg	<0.1 mg/kg	Pass
Nickel (Ni)	≤ 930 mg/kg	<1 mg/kg	Pass
Organic tin	≤ 12 mg/kg	Test not necessary	-
Selenium (Se)	≤ 460 mg/kg	<5 mg/kg	Pass
Strontium (Sr)	≤ 56000 mg/kg	2.28 mg/kg	Pass
Tin (Sn)	≤ 180000 mg/kg	<1 mg/kg	Pass
Zinc (Zn)	≤ 46000 mg/kg	<10 mg/kg	Pass
Remark: Information about analysis: According to this standard, it was necessary to adjust the pH-value of the sample extract.			
Test Method / Standard: Formaldehyde in wood-based panels: DIN EN 717-3:1996-05, reporting limit: 5 mg/kg atro		Test Location & Accreditation: Parameter has been analyzed at accredited BVCPS laboratory Schwerin.	
Parameter	Limit	Value	Evaluation
Moisture content		3.7 %	No Specification
Formaldehyde	≤ 80 mg/kg	<5 mg/kg	Pass

The test results relate only to the received and tested item. Without the written consent of Bureau Veritas Consumer Products Services Germany GmbH excerpts of this report shall not be reproduced. If the standard or the customer defines no decision rule, the laboratory applies a decision rule following the "Binary Statement for Simple Acceptance Rule (w=0)" (chapter 4.2.1) of ILAC Guidelines on Decision Rules and Statements of Conformity (ILAC-G8:09/2019). The results in this test report are reported in a simplified way (et al. without measurement uncertainty).

The measurement uncertainties underlying each procedure can be viewed [here](#).

The testing of mixed samples is carried out at the customer's explicit request and may imply a deviation from the testing standard. Please note the following: results that are above the limit for the composite sample may be below the limit if the individual samples contained in the composite sample are tested separately. In these cases separate testing of the samples is recommended.

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Stefan Pasedag

No results printed beyond this point in the report

Parameters & CAS No.

Heavy metals, migration of certain elements - scraped off toy material	(CAS No.)
Aluminium (Al) (7429-90-5)	
Lead (Pb) (7439-92-1)	
Manganese (Mn) (7439-96-5)	
Mercury (Hg) (7439-97-6)	
Nickel (Ni) (7440-02-0)	
Strontium (Sr) (7440-24-6)	
Tin (Sn) (7440-31-5)	
Antimony (Sb) (7440-36-0)	
Arsenic (As) (7440-38-2)	
Barium (Ba) (7440-39-3)	
Boron (B) (7440-42-8)	
Cadmium (Cd) (7440-43-9)	
Chromium (Cr) (7440-47-3)	
Cobalt (Co) (7440-48-4)	
Copper (Cu) (7440-50-8)	
Zinc (Zn) (7440-66-6)	
Selenium (Se) (7782-49-2)	

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