

TEST REPORT

Applicant: Treatex,
Unit 1,
Howland Road Business Park,
Howland Road,
Thame,
Oxfordshire,
OX9 3GQ

For the Attention of: Neil Clark

Item Description: Walnut oil treated wood

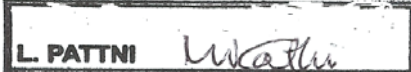
Report No: 23072702A (Supplement to Lab Ref 23072702)

Report Date: 17th October 2023

Test Request: See page 2 of this report.

Results and Comments: See page 2—5 of this report.

Conclusion: The above item as tested, PASSES, the requested requirements



Lax Pattni
Laboratory Manager
For and on behalf of
Northern Testhouse (Leicester) Limited.

Results reported in this report apply to the submitted item/sample only

†Indicates tests outside our current ISO/IEC 17025:2017 scope of accreditation

This test report shall not be reproduced except in full, without written approval of the laboratory

We sincerely hope that our service has met with or exceeded your requirements and would appreciate any comments from yourselves about the level of service you have received. Such feedback will assist us in our efforts to continually improve.

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NORTHERN TESTHOUSE (Leicester) LIMITED

Quality Assurance and Product Safety Testing

Report No: 23072702A

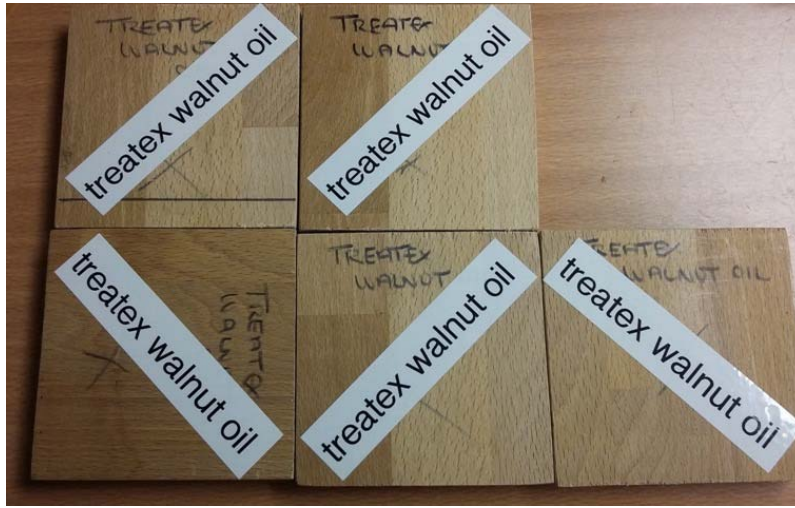
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Test Request

EN71 Part 3:2019+A1:2021, Migration of certain elements from toys and their materials, (Chromium (VI) and Organic Tin as first action, category III)

Commission regulations 10/2011EU as amended, plastic materials and articles in contact with food regulations (specific metal release examined), to support council directive 1935/2004EC materials and articles in contact with food regulations

Photograph of submission



Governing Document: EN71 Part 3: 2019+A1:2021, migration of certain elements from toys and toy materials

Analyses were conducted by ICP--OES.

Clause	Application	Results	Category
7.2.2	Coatings etc	PASS	III
7.2.2	Fibrous etc	PASS	III

All results are expressed in mg/kg.

Element	Symbol	Category III Limits
Aluminium	Al	28,130
Antimony	Sb	560
Arsenic	As	47
Barium	Ba	18,750
Boron	B	15,000
Cadmium	Cd	17
Chromium (III)	Cr	460
Cobalt	Co	130
Copper	Cu	7,700
Lead	Pb	23
Manganese	Mn	15,000
Mercury	Hg	94
Nickel	Ni	930
Selenium	Se	460
Strontium	Sr	56,000
Tin	Sn	180,000
Zinc	Zn	46,000
Chromium (VI)	Cr	0.2
		0.053 scrapped materials
Organic Tin		12

Chromium (VI) & Organic Tin

Requirements	First Screening Action	Category
Chromium (VI)	Pass	III
Organic Tin	Pass	III

Materials Sampled /Sample Numbers

Fibrous

- 1) Walnut Oil Coated Wood

Category III Results (Chromium as total soluble, chromium (III) limit reporting limit, <= less than)

S	Al	Sb	As	Ba	B	Cd	Cr	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	Zn
1	<30	<7	<5	<30	<30	<2	<1	<10	<10	<9	<10	<7	<10	<7	<30	<8	<30

Date of Testing: 6th October 2023

Decision rules

Conformity statements contained within this test report, the laboratory applies decision rule based on “Binary Statement for Simple Acceptance Rule, Chapter 4.2.1 of ILAC G8/09:2019 Guidelines on Decision Rules and Statement of Conformity”, as agreed.

NORTHERN TESTHOUSE (Leicester) LIMITED

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Governing Document: Commission regulations 10/2011EU as amended to (specific metal release examined to support council directive 1935/2004EC as amended)

Simulant	3% Acetic acid
Contact Temperature	40°C
Contact Period	24 Hours
Testing period	12 ---15 th September 2023
Contact Surface	1) Walnut Oil Coated Wood

Results (in mg/kg food, <= less than, N/S= Not specified, N/D= Not detected, Ext 1= Extraction 1, Ext 2= Extraction 2, Ext 3= Extraction 3)

Element	Sample 1			Limits
	Ext 1	Ext 2	Ext 3	
Aluminium	<0.1	<0.1	<0.1	1
Antimony†	<0.03	<0.03	<0.03	0.04
Arsenic†	N/D	N/D	N/D	N/D
Cadmium†	N/D	N/D	N/D	N/D
Calcium†	<20	<20	<20	N/S
Chromium†	N/D	N/D	N/D	N/D
Europium†	<0.04	<0.04	<0.04	0.05
Gadolinium†	<0.04	<0.04	<0.04	0.05
Barium	<0.1	<0.1	<0.1	1
Cobalt	<0.03	<0.03	<0.03	0.05
Copper	<0.5	<0.5	<0.5	5
Iron	<5	<5	<5	48
Lanthanum†	<0.04	<0.04	<0.04	0.05
Lead†	N/D	N/D	N/D	N/D
Lithium	<0.1	<0.1	<0.1	0.6
Magnesium†	<20	<20	<20	N/S
Manganese	<0.1	<0.1	<0.1	0.6
Mercury†	N/D	N/D	N/D	N/D
Nickel	<0.01	<0.01	<0.01	0.02
Potassium†	<20	<20	<20	N/S
Sodium†	<20	<20	<20	N/S
Terbium†	<0.04	<0.04	<0.04	0.05
Zinc	<0.5	<0.5	<0.5	5

End of Report