

## Test Report

**Customer:** **LLC "EK Chemical"**  
Bogorodsky district, Kudma village, Kudminsky  
industrial zone, territory 1  
607630 Nizhegorodsky region  
Russia

**Contact Person:** Mrs. Makulova Darya

**Customer Reference:** LLC EK Chemical

**Report No.:** (25417)303-368466

**Report Version:** 3\*

**Date of Reception:** 05.10.2017

**Report Date:** 30.10.2017

**Sampled By:** client

## Sample Information

**Testing Requirements:** Tested according to "ordered" requirements

**Sample Description:** Decken wood wax

**Performance Date:** 05.10.2017 - 30.10.2017

**No. of workdays:** 17

**Country of Origin:** Russia

\* second amendment to the analytical report no. (25417)293-368466.

The previous versions of this report are invalid.

## Submitted Samples

Nr. 1



**Summary of Test Results**  
Tested according to "ordered" requirements

Tests required	Conclusion	Remark
2009/48/EC Heavy metals, EN 71 Part 3:2013 + A1:2014 (Screening Test)	Pass	

**Change:**  
Customer (address) was changed.

### Tested Samples

Article No	Sample ID	Sample description
	368466-01	1) Dried wax

### Test Results

Tested according to "ordered" requirements

Sample Description:		1) Dried wax		Lab Reference No:	368466-01
<b>Test Method / Standard:</b>		Heavy metals - for scraped off toy material: EN 71 Part 3:2013+A1:2014 (Screening Test), 2009/48/EC Heavy metals 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			
<b>Test Location:</b>		Parameter has been analyzed at BVCPS laboratory Schwerin.			
Parameter	Limit	Result	Rating		
Aluminium (Al)	≤ 70000 mg/kg	<10 mg/kg	Pass		
Antimony (Sb)	≤ 560 mg/kg	<1 mg/kg	Pass		
Arsenic (As)	≤ 47 mg/kg	<1 mg/kg	Pass		
Cadmium (Cd)	≤ 17 mg/kg	<1 mg/kg	Pass		
Barium (Ba)	≤ 18750 mg/kg	<1 mg/kg	Pass		
Boron (B)	≤ 15000 mg/kg	<10 mg/kg	Pass		
Chromium (Cr)	≤ 460 mg/kg	<0.05 mg/kg	Pass		
Chromium III	≤ 460 mg/kg	Test not necessary	-		
Chromium VI	≤ 0.2 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) - EU requirement	≤ 160 mg/kg	<1 mg/kg	Pass		
Lead (Pb) - Germany requirement	≤ 90 mg/kg	<1 mg/kg	Pass		
Manganese (Mn)	≤ 15000 mg/kg	<1 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	<1 mg/kg	Pass		
Strontium (Sr)	≤ 56000 mg/kg	<1 mg/kg	Pass		
Tin (Sn)	≤ 180000 mg/kg	<1 mg/kg	Pass		
Zinc (Zn)	≤ 46000 mg/kg	<10 mg/kg	Pass		

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The test result relates only to the tested item. Without the written consent of Bureau Veritas Consumer Products Services Germany GmbH excerpts of this report shall not be reproduced. Tests not covered by the laboratory's testing spectrum may be subcontracted to an accredited laboratory. The accreditation relates to competences stated on the accreditation certificate. If nothing else has been agreed on samples are stored for 3 months. All tested parameters are listed in the appendix.

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 for mixed samples that are below the limit may exceed the limit if the samples contained in the mixed sample are tested individually. In these cases separate testing of the samples is recommended.

**Performance Date:** 05.10.2017 - 30.10.2017

**Total Run Time:** 17



Dr. Tim Lubinus  
Analytical Testing Specialist

No results printed beyond this point in the report

### Parameters & CAS No.

Heavy metals - for scraped off toy material	(CAS No.)
Aluminium (Al) (7429-90-5)	
Lead (Pb) - EU requirement (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)	