

Reference: 2011159-01  
Order sheet: 22005173

## TEST REPORT n. 261.I.2011.606.EN.01

### AT THE REQUEST OF:

**COMPANY:** VALBOPAN, S.A.  
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**TOWN:** 2450-025 Famalicão, Leiria (Portugal)  
**PHONE NUMBER:** 351925493579  
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### CONCERNING:

**SAMPLE:** WOOD FIBRE BOARD  
**TEST:** MIGRATION OF CERTAIN ELEMENTS

**SAMPLES RECEPTION DATE:** NOVEMBER 09<sup>th</sup>, 2020  
**TESTING STARTING DATE:** NOVEMBER 10<sup>th</sup>, 2020  
**TESTING STARTING DATE:** NOVEMBER 24<sup>th</sup>, 2020

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### THIS REPORT CONSISTS OF 4 CONSECUTIVELY NUMBERED PAGES.

The test samples, the subject of this report, will remain at AIDIMME for a period of three months starting from the report issue date. That period having expired, it will be destroyed. Hence, any claim must be made within this time limit.

## 1. DESCRIPTION AND IDENTIFICATION OF THE SAMPLE. INSPECTION BEFORE TESTING

The sample is a wood fibre board for the determination of the migration of certain elements.

In the next table, the internal reference and the denomination of the sample according to the company information, can be shown.

Internal reference	Sample name
2011159-01	Valchromat Black, Batch 99790

Table 1.- Reference and sample name.



Picture 1.- Sample.

## 2. ORIGIN OF THE SAMPLE

Sample was supplied by the client to AIDIMME (Benjamin Franklin, 13). Sample was properly preserved until the test.

## 3. TESTS REQUESTED AND TEST METHOD

Test methods used are shown in the next table.

PARAMETER	STANDARD	METHOD
Migration of certain elements	EN 71-3:2019	After the mechanical sample extraction the migration test is performed and the parameters are analyzed by atomic emission (ICP-OES).

Table 2.- Requested test and test method.

#### 4. TEST RESULTS

Parameter	Ref.: 2011159-01	Especificacion EN 71-3
Aluminium (mg/kg)	133	≤ 70.000
Antimony (mg/kg)	< 1,0	≤ 560
Arsenic (mg/kg)	< 1,0	≤ 47
Barium (mg/kg)	< 1,0	≤ 18.750
Boron (mg/kg)	241	≤ 15.000
Cadmium (mg/kg)	< 1,0	≤ 17
Chrome (III) (mg/kg)	< 1,0	≤ 460
Chrome (VI) (mg/kg)	< 0,050	≤ 0,053
Cobalt (mg/kg)	< 1,0	≤ 130
Copper (mg/kg)	15,2	≤ 7.700
Lead (mg/kg)	< 1,0	≤ 23
Manganese (mg/kg)	11,7	≤ 15.000
Mercury (mg/kg)	< 1,0	≤ 94
Nickel (mg/kg)	< 1,0	≤ 930
Selenium (mg/kg)	< 1,0	≤ 460
Strontium (mg/kg)	1,75	≤ 56.000
Tin total (mg/kg)	< 1,0	≤ 180.000
Organo tin compounds (mg/kg)	< 1,0	≤ 12
Zinc (mg/kg)	2,90	≤ 46.000

Table 3.- Results.

#### 5. CONCLUSIONS

The results (table 3) from the coatings tested (table 1) with internal reference 2011159-01 fulfils the requirements of the standard EN 71-3:2019.

The results of the tests apply only to the tested samples.

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Date: November 30<sup>th</sup>, 2020



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