

Reference: 2406095-[01-02]
Order sheet: 22402929

TEST REPORT nº. 261.I.2407.336.EN.01

AT THE REQUEST OF:

COMPANY: VALBOPAN, S.A.
ADDRESS: QUINTA DO CASTELO
TOWN: 2450-025 FAMALICÃO (LEIRIA, PORTUGAL)

CONCERNING:

SAMPLE: WOOD BOARD
TEST: MIGRATION OF CERTAIN ELEMENTS

DATE OF SAMPLES RECEPTION: JUNE 13th, 2024
STARTING DATE: JUNE 21th, 2024
FINISHING DATE: JULY 04th, 2024

Document digitally signed by legal electronic signature.

THIS REPORT CONSISTS OF 4 CONSECUTIVELY NUMBERED PAGES.

The test samples, the subject of this report, will remain at AIDIMME for a period of a month 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 board.

Internal reference number and the sample name, according to the company information, are shown in the following table:

Reference	Sample name
2406095-01	19mm Valchromat Black, referência interna 107661
2406095-02	19mm Valchromat White grey, referência interna 107512

Table 1.- Reference and sample name.

2. ORIGIN OF THE SAMPLE

The sample was supplied by the client to AIDIMME's facilities (Benjamin Franklin, 13). Then, it was properly preserved until the start of the tests.

3. TESTS REQUESTED AND TEST METHOD

Parameter	Method	Test method summary
Migration of certain elements	UNE-EN 71-3 :2020+A1:2021	After sample surface mechanical extraction, the migration test is performed, determining the majority of metals by atomic emission (ICP-MS). Mercury is determined by atomic absorption (hydrides). Cr(VI) is measured by molecular absorption.

Table 2.- Tests & standards.

4. TEST RESULTS

Parameter	Ref.: 2406095-01	Ref.: 2406095-02	Especificacion EN 71-3
Aluminium (mg/kg)	46,56	105,33	≤ 23.000
Antimony (mg/kg)	< 1	< 1	≤ 560
Arsenic (mg/kg)	< 1	< 1	≤ 47
Barium (mg/kg)	2,40	2,26	≤ 18.750
Boron (mg/kg)	4,44	5,10	≤ 15.000
Cadmium (mg/kg)	< 1	< 1	≤ 17
Chrome (III) (mg/kg)	< 1	< 1	≤ 460
Chrome (VI) (mg/kg)	< 0,053	< 0,053	≤ 0,053
Cobalt (mg/kg)	< 1	< 1	≤ 130
Copper (mg/kg)	5,27	1,88	≤ 7.700
Lead (mg/kg)	< 1	< 1	≤ 23
Manganese (mg/kg)	18,20	17,32	≤ 15.000
Mercury (mg/kg)	< 1	< 1	≤ 94
Nickel (mg/kg)	< 1	< 1	≤ 930
Selenium (mg/kg)	< 1	< 1	≤ 460
Strontium (mg/kg)	4,90	13,68	≤ 56.000
Tin, total (mg/kg)	< 1	< 1	≤ 180.000
Tin, organic (mg/kg)	< 1	< 1	≤ 12
Zinc (mg/kg)	9,13	9,02	≤ 46.000

Table 3.- Results.

According to the test results (table 3), the tested samples (table 1) fulfil with the specifications established in the standard UNE-EN 71-3:2020+A1:2021.

Results of the tests apply only to the tested samples.

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Date: July 15th, 2024



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