Report No/ Rapor No : 2026071748
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Sample Accepted on / Numune Tarihi: 17.06.2026
Report Date / Rapor Tarihi : 17.07.2026
Total number of pages/Rapor Sayfa : 3 Pages

Sample ID : **PITBOARD**

	TEST/INSPECTION	DIRECTIVE	METHOD	RESULT
*	**Indoor air — Part 9: Determination of the emission of volatile organic compounds from building products and furnishing — Emission test chamber method**	**The General Product Safety Directive (GPSD) (2001/95/EC)**	**ISO 16000-9**	See Tables

NOTE: This test/inspection result replaces the conformity assessment, can be submitted to official institutions, and can be used in products and brochures.

Seal

Customer Representative

Merve Nur KIRVELİ

Laboratory Manager

Merve ÖZLÜ

Test/inspection results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test/inspection Request Form (PR03-F01) conveyed to us from the Applicant. Test/inspection results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025, Analysis as indicated with "**" are performed at the external laboratories using accredited test/inspection methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting N[1] to related pages. Tested and remaining samples will be keep in specified terms & conditions at test/inspection request and/or proposal form.Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant cannot claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment the of test/inspection results shown in this Report. Evaluation of the test/inspection results using Measurement Uncertainty values is the responsibility of the Applicant. An inspection body shall issue an inspection certificate that does not include the inspection results only when the inspection body can also produce an inspection report containing the inspection results, and when both the inspection certificate and inspection report are traceable to each other.

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ISO 16000-6: Indoor air — Part 9: Determination of the emission of volatile organic compounds from building products and furnishing — Emission test chamber method

Scope

This part of ISO 16000 specifies a general laboratory test method for determination of the area specific emission rate of volatile organic compounds (VOCs) from newly produced building products or furnishing under defined climate conditions. The method can also, in principle, be applied to aged products. The emission data obtained can be used to calculate concentrations in a model room.

Principle

The principle of the test is to determine the area specific emission rate of VOCs emitted from building products. The test is performed in an emission test chamber at constant temperature, relative air humidity, and area specific air flow rate. The air in the emission test chamber is fully mixed, and measurements of the VOC concentration in the air at the outlet are representative of the emission test chamber air concentrations.

Area specific emission rates at a given time, *t,* are calculated from the emission test chamber air concentrations and the area specific air flow rate, *q*.

With knowledge of the concentration in the air, the air flow through the emission test chamber and the surface area of the test specimen, the area specific emission rates of VOCs from the product under test can be determined.

Test Conditions

Temperature	Relative Air Humidity	TVOC Background Concentration	Background Concentration of Any Single Target VOC	Air Velocity	Room Volume
23 °C ± 1 °C	50 % ± 5 %	< 20 µg/m^3	< 2 µg/m^3	0,1 m/s to 0,3 m/s	0,1 m^3

Test Method

Test specimen location in the emission test chamber

The test specimen shall be positioned in the centre of the emission test chamber to ensure that the air flow is evenly distributed over the emitting surface of the test specimen.

Time for Measurements of Test Chamber Air Concentration

Duplicate air samples shall be taken at least at 72 hours and at 28 days after the start of the test.

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Test Result

VOC			
Test specimen	**Measured value at 72 hours (µg/m³)**	**Measured value at 28 days (µg/m³)**	**The amount of VOC emitted by the sample (%)**
PITBOARD	0,0171	0,0186	8,8

FORMALDEHYDE			
Test specimen	**Measured value at 72 hours (µg/m³)**	**Measured value at 28 days (µg/m³)**	**The amount of Formaldehyde emitted by the sample (%)**
PITBOARD	<0,001	<0,001	Not Detected

Sample Image



*****End Of Report*****

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