



Report No/ Rapor No : 2023020105
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Sample Accepted on / Numune Tarihi : 15.12.2022
Report Date / Rapor Tarihi : 01.02.2023
Total number of pages/Rapor Sayfa: 3
Sample ID : MasterBrace ADH 1206

	TEST	METHOD	SPECIMEN	RESULT
*	Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water Section 2.6: The extraction of metals	BS 6920-2.6	MasterBrace ADH 1206	PASS

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

Test 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 Request Form (PR03-F01) conveyed to us from the Applicant. Test 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 methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting N! to related pages. Tested and remaining samples will be kept in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not 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 results shown in this Report. Evaluation of the test results using Measurement Uncertainty values is the responsibility of the Applicant.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

BS 6920-2.6: Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water Section 2.6: The extraction of metals

If the density of the sample is less than that of water, ensure the sample is kept totally submerged in the test water for the duration of the test by using glass encapsulated weights. Seal each container with the glass cover. Store each container at a temperature of (23 ± 2) °C for (24 ± 1) h.

Remove the sample and transfer all but 50 ml of the extract into a sample bottle. To the remaining 50 ml of extract, add nitric acid in the ratio of 5 ml of nitric acid to every 1000 ml of total extract.

Rinse the container with the acidified residual to remove any metals adsorbed onto the surface of the glass and finally add this rinse to the bulk of the extract in the sample bottle. Retain the acidified extract and determine the metals as described in Clause 8.

If the results from both of the extracts do not exceed If the results from both of the extracts do not exceed the concentration limits specified Clause 8, then define these first extracts as the final extracts. In these circumstances, do not carry out further extractions.

Clause 8

Table -1

Element	Max. ($\mu\text{g/L}$)
Aluminium (Al)	200
Antimony (Sb)	5
Arsenic (As)	10
Boron (B)	1000
Cadmium (Cd)	5
Chromium (Cr)	50
Iron (Fe)	200
Lead (Pb)	10
Manganese (Mn)	50
Mercury (Hg)	1
Nickel (Ni)	20
Selenium (Se)	10

Comment: During the test process carried out within the scope of BS EN 6920-2.6, the samples were prepared in accordance with the BS en 6920-2.1 standard and were cured in accordance with the customer's instructions. As a result of the test process, the elements specified in Table-1 were not released into the water.

Test Result

- **Extraction Temperature: 23° C**

Element	Method	MasterBrace ADH 1206
Aluminium (Al)	ICP-MS	N.D
Antimony (Sb)		N.D
Arsenic (As)		N.D
Boron (B)		N.D
Cadmium (Cd)		N.D
Chromium (Cr)		N.D
Iron (Fe)		N.D
Lead (Pb)		N.D
Manganese (Mn)		N.D
Mercury (Hg)		N.D
Nickel (Ni)		N.D
Selenium (Se)		N.D

- **Extraction Temperature: 40° C**

Element	Method	MasterBrace ADH 1206
Aluminium (Al)	ICP-MS	N.D
Antimony (Sb)		N.D
Arsenic (As)		N.D
Boron (B)		N.D
Cadmium (Cd)		N.D
Chromium (Cr)		N.D
Iron (Fe)		N.D
Lead (Pb)		N.D
Manganese (Mn)		N.D
Mercury (Hg)		N.D
Nickel (Ni)		N.D
Selenium (Se)		N.D