

DEKRA Automobil GmbH Handwerkstr. 17 D-70565 Stuttgart

Aura 8 Sp. z o.o.  
ul. Gazownicza 5/1  
43-300 BIELSKO-BIALA

**DEKRA Automobil GmbH**

Laboratory for Environmental and Product Analysis  
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Date Nov 22, 2022

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## Test Report

**Order No.:** 55276912

**Test Report No.:** PB2231642

**Version 1**

Client: Aura 8 SP. Zo.o.  
ul. Gazownicza 5/1  
43-300 Bielsko-Biala  
by:  
DEKRA Certification Sp. z.o.o.  
Herr Mirosław Hanc  
ul. Rzymowskiego 28  
PL - 02-697 Warszawa

Date of order: 01.11.2022  
Sample received: 28.10.2022  
Number of samples: 1 sample  
Scope of investigation: Testing of food contact article  
Sample description: Copper tableware  
Testing Period: 02.11.2022 – 22.11.2022

**Test result:**

- see following pages -

Accredited Analytical Laboratory D-PL-11060-03-00 in Stuttgart and Halle (Saale)

**Product photos:**



55276912 – 001 Copper tableware  
(Tested samples were marked with arrows)

LQ: Limit of quantification

Worked out:  
Person in charge:

DEKRA Automobil GmbH – Handwerkstr. 17 – 70565 Stuttgart  
Stella Merkel Phone 0711/ 7861-3742

**Test results:****1) Sensorical examination:**

<b>Sample No.:</b>	55276912 – 001			
<b>Simulant:</b>	Drinking water			
<b>Method:</b>	DIN 10955:2004-06 <sup>a</sup>			
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>	<b>LQ</b>	<b>Limit</b>
<b>Sensorical test <sup>1,2</sup></b>				
Sensorical test - smell	-	0	-	< 3
Sensorical test - taste	-	0,5	-	

<sup>1</sup> Scale of intensity:

- 0 – no noticeable change of smell and taste
- 1 – marginal change of smell and taste
- 2 – slight change of smell and taste
- 3 – clear change of smell and taste
- 4 – strong change of smell and taste

<sup>2</sup> Testing conditions: 24 hours, 40 °C

According to article 3 subsection 1 c of the regulation (EC) 1935/2004 materials and articles shall be manufactured in compliance with good manufacturing practise so that, under normal or foreseeable conditions of use, they do not transfer their constituents to food in quantities which could bring about a deterioration in the organoleptic characteristics thereof.

The tested sample meet this requirement.

LQ: Limit of quantification

Worked out:  
Person in charge:

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Stella Merkel Phone 0711/ 7861-3742

## 2) Metal release:

<b>Sample No.:</b>	55276912 – 001					
<b>Sample designation:</b>	Copper tableware					
<b>Method:</b>	CM/Res(2013)9 / DIN EN ISO 17294-2:2017-01 <sup>a</sup>					
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>			<b>LQ</b>	<b>Limit value</b>
<b>Metal release</b> <sup>1,2,3</sup>						
		1.Migrat	2.Migrat	3.Migrat		
Barium (Ba)	µg/ L	< LQ	< LQ	< LQ	10	1.200
Arsenic (As)	µg/ L	< LQ	< LQ	< LQ	0,1	2
Iron (Fe)	µg/ L	< LQ	< LQ	< LQ	10	40.000
Lead (Pb)	µg/ L	< LQ	< LQ	< LQ	1	10
Cadmium (Cd)	µg/ L	< LQ	< LQ	< LQ	0,1	5
Cobalt (Co)	µg/ L	< LQ	< LQ	< LQ	1	20
Chromium (Cr)	µg/ L	< LQ	< LQ	< LQ	10	250
Copper (Cu)	µg/ L	< LQ	< LQ	< LQ	10	4.000
Manganese (Mn)	µg/ L	< LQ	< LQ	< LQ	10	1.800
Nickel (Ni)	µg/ L	< LQ	< LQ	< LQ	2	140
Lithium (Li)	µg/ L	< LQ	< LQ	< LQ	1	48
Aluminium (Al)	µg/ L	< LQ	< LQ	< LQ	10	5000
Silver (Ag)	µg/ L	< LQ	< LQ	< LQ	10	80
Zinc (Zn)	µg/ L	< LQ	< LQ	< LQ	10	5.000
Tin (Sn)	µg/ L	< LQ	< LQ	< LQ	10	100.000
Antimony (Sb)	µg/ L	< LQ	< LQ	< LQ	1	40
Molybdenum (Mo)	µg/ L	< LQ	< LQ	< LQ	10	120
Vanadium (V)	µg/ L	< LQ	< LQ	< LQ	1	10
Beryllium (Be)	µg/ L	< LQ	< LQ	< LQ	1	10
Mercury (Hg)	µg/ L	< LQ	< LQ	< LQ	0,01	3
Thallium (Tl)	µg/ L,	< LQ	< LQ	< LQ	0,01	0,1

<sup>1</sup> Test conditions: Test water, 24 hours, 40 °C

<sup>2</sup> Volume: 125 mL, envelope volume: 5 cm x 5 cm x 5 cm = 250 cm<sup>3</sup>

<sup>3</sup> Requirements CM/Res(2013)9: (1. migrate + 2. migrate) < 7 x limit value and 3. migrate < limit value

The sample meets the requirements of the technical guideline CM/Res(2013)9 (Guideline on metals and alloys used in food contact materials and articles).

LQ: Limit of quantification

**Remarks:**

The test results refer exclusively to the samples specified. The decision rule for the evaluation of conformity of test results can be found at <https://www.dekra.de/media/entscheidungsregel-bewertung-konformitaet-pruefergebnisse-d-v2-pdf.pdf>  
<https://www.dekra.de/media/entscheidungsregel-bewertung-konformitaet-pruefergebnisse-gb-v2-pdf.pdf>

A reproduction in excerpts of the test report must not be made without the written consent of the test laboratory. Chemical and material blanks are taken into account when determining the results. Samples will be stored for max. 6 months (for exceptions and specific storage times see QMH).

## Declaration:

a = accredited test method, n = not accredited test method,

Pa = Analysis carried out by partner laboratory (accredited test method), Pn = Analysis carried out by partner laboratory (not accredited test method),

Ha = Analysis carried out by DEKRA lab Halle (accredited test method), Hn = Analysis carried out by DEKRA lab Halle (not accredited test method)

SBa = Analysis carried out by DEKRA lab Saarbrücken (accredited test method), SBn = Analysis carried out by DEKRA lab Saarbrücken (not accredited test method),

B = Analysis carried out by DEKRA lab Bretten

Stuttgart, Nov 22, 2022

**DEKRA Automobil GmbH**

Laboratory for Environmental and Product Analysis

Stella Merkel

Project manager

LQ: Limit of quantification

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Person in charge:

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