



Test Report

No.T32620300259SC

Date: Apr 17, 2026

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BPC KİMYA SANAYİ A.Ş

ANBAR SERBEST BÖLGE MAH. KAYSERİ SERBEST BÖLGESİ 8. CAD. NO:2 MELİKGAZI /
KAYSERİ

The following samples were submitted and identified by/on behalf of the client as:

1) TOZ BOYA İLE KAPLANMIŞ METAL PLAKA / BEYAZ-WHITE / 65.10S1M9016

Case No. : CA326203004179
Item No. : 2781077
Sample Receiving Date : APR 08, 2026
Testing Period : APR 08, 2026 – APR 17, 2026

Test Requested		Conclusion
1.	Article 3 of European Regulation No. 1935/2004.	--
	a) Sensorial Examination - Odour and Taste Test	PASS
2.	European Directorate for the Quality of Medicines & Healthcare (EDQM) - Technical Guide on Metals and alloys used in food contact materials and articles (2nd edition, 2024).	--
	a) Metal / Metallic Coating – Extractable Heavy Metals	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS Hong Kong Ltd.

Lam Chi Ho, Jacko
Assistant Technical Manager

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Test Results:

1. Article 3 of European Regulation No. 1935/2004.

a) Sensorial Examination - Odour and Taste Test

Method : With reference to DIN 10955: 2024-01.
 Test Condition : 40°C for 0.5 hours
 Test media: Deionised Water
 No. of panelist: 6

Test Item	Result	Permissible Limit
	1	
Sensorial examination odour (Intensity scale)	0	< 3
Sensorial examination taste (Intensity scale)	1.0	< 3
Comment	PASS	--

Sample Description :

1. Whole sample

Note : 1. <= less than
 2. Permissible Limit is according to DIN 10955: 2024-01
 3. Intensity scale (rounded at 0.5) :

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard

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2. European Directorate for the Quality of Medicines & Healthcare (EDQM) - Technical Guide on Metals and alloys used in food contact materials and articles (2nd edition, 2024).

a) Metal / Metallic coating – Extractable heavy metals

Method : Sample preparation in 0.5% citric acid (m/v) at 40 °C for 0.5 hours with reference to EN13130-1:2004 for selection of test method, followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) and Inductively coupled plasma-mass spectrometry (ICP-MS).

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	7 x Specific Release Limit (SRL) (mg/kg)	SRL (mg/kg)
	1				
	1 st + 2 nd Migration	3 rd Migration			
Surface area to volume ratio (dm ² /kg)	6	6	--	--	--
Aluminium (Al)	ND	ND	0.2	35	5
Antimony (Sb)	ND	ND	0.02	0.28	0.04
Arsenic (As)	ND	ND	0.001	0.014	0.002
Barium (Ba)	ND	ND	0.25	8.4	1.2
Beryllium (Be)	ND	ND	0.005	0.07	0.01
Cadmium (Cd)	ND	ND	0.002	0.035	0.005
Chromium (Cr)	ND	ND	0.1	7	1
Cobalt (Co)	ND	ND	0.01	0.14	0.02
Copper (Cu)	ND	ND	0.1	28	4
Lead (Pb)	ND	ND	0.005	0.07	0.01
Lithium (Li)	ND	ND	0.02	0.336	0.048
Iron (Fe)	ND	ND	0.25	280	40
Manganese (Mn)	ND	ND	0.01	3.85	0.55
Mercury (Hg)	ND	ND	0.002	0.021	0.003
Molybdenum (Mo)	ND	ND	0.02	0.84	0.12
Nickel (Ni)	ND	ND	0.05	0.98	0.14
Silver (Ag)	ND	ND	0.03	0.56	0.08
Thallium (Tl)	ND	ND	0.001	0.007	0.001
Tin (Sn)	ND	ND	5	700	100
Vanadium (V)	ND	ND	0.005	0.07	0.01
Zinc (Zn)	ND	ND	1	35	5
Zirconium (Zr)	ND	ND	0.2	14	2
Comment	PASS		--	--	--

Sample Description :

1. White coated metal (Sheet)

Note : 1.mg/kg = milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

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3. ND = Not Detected

4. dm^2/kg = square decimeter per kilogram

5. According to the technical guide, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles

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Remark:

When statement of conformity is made, unless inherent in the requested specification, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

“Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” or “Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.”.

“Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band.” or “Fail - One or more measured values were observed out of tolerance at the points tested”. The specific false reject risk is up to 2.5%.

“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”

Sample Photo:

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***

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