

TEST REPORT

REPORT No.: XMTN2210611-22735E

Date: June 17, 2021

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Xiamen Boshun Cutlery Co., Ltd
No.256 Tongan Park, Tongan Industrial Centralized Area, Xiamen City China 361100

Report on the submitted samples said to be:

Sample Description : Kids cutlery set
Sample Material : Plastic PP and SS 430
Style/ Item No. : BS4013
Supplier : Xiamen Boshun Cutlery Co., Ltd
Manufacturer : Xiamen Boshun Cutlery Co., Ltd
Country of Origin : China
Country of Destination : Europe
Sample Receiving Date : June 11, 2021
Testing Period : From June 11, 2021 to June 17, 2021
Results : Please refer to next page(s).

Signed for and on behalf of BACL

Checked by: Jane Xu
Jane Xu

Approved by: Bensen Huang
Bensen Huang



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Summary of Test Results:

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CONCLUSION

A	Council of Europe Resolution CM/Res(2013)9-- Specific migration of heavy metal	Pass
	In accordance with German Food, Articles of Daily Use and Feed Code of September 1,2005(LFGB),Section 30 and 31, BfR recommendation & Regulation (EC)	
B	No.1935/2004 of the European Parliament and Regulation (EU) No 10/2011 and its amendment directives(EU)2020/1245 on materials and articles intended to come into contact with food	
B.1	Overall Migration	Pass
C	Bisphenol A (BPA) content	Pass

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Results:

Tested part(s):

- (1) Silvery metal (spoon)
- (2) White plastic(spoon)

A. Council of Europe Resolution CM/Res(2013)9

Test Method: With reference to EN13130-1:2004 for selection of test method; analysis was performed by ICP-OES and ICP-MS.

Simulant Used : 0.5% citric acid
Test Condition : 40°C , 0.5 hours

Test Item(s)	Unit	MDL	(1)			
			1st + 2nd Migration		3rd Migration	
			7* SRL	Result	SRL	Result
Aluminium(Al)	mg/kg	0.2	35	N.D.	5	N.D.
Antimony(Sb)	mg/kg	0.02	0.28	N.D.	0.04	N.D.
Chromium(Cr)	mg/kg	0.1	1.75	N.D.	0.25	N.D.
Cobalt(Co)	mg/kg	0.01	0.14	N.D.	0.02	N.D.
Copper(Cu)	mg/kg	0.1	28	N.D.	4	N.D.
Iron(Fe)	mg/kg	0.25	280	N.D.	40	0.86
Manganese(Mn)	mg/kg	0.25	12.6	N.D.	1.8	N.D.
Molybdenum(Mo)	mg/kg	0.02	0.84	N.D.	0.12	N.D.
Nickel(Ni)	mg/kg	0.05	0.98	N.D.	0.14	N.D.
Silver(Ag)	mg/kg	0.03	0.56	N.D.	0.08	N.D.
Tin (Sn)	mg/kg	5	700	N.D.	100	N.D.
Vanadium(V)	mg/kg	0.005	0.07	N.D.	0.01	N.D.
Zinc(Zn)	mg/kg	1	35	N.D.	5	N.D.
Arsenic(As)	mg/kg	0.001	0.014	N.D.	0.002	N.D.
Barium(Ba)	mg/kg	0.25	8.4	N.D.	1.2	N.D.
Beryllium(Be)	mg/kg	0.005	0.07	N.D.	0.01	N.D.
Cadmium(Cd)	mg/kg	0.002	0.035	N.D.	0.005	N.D.
Lead(Pb)	mg/kg	0.005	0.07	0.010	0.01	0.008
Lithium(Li)	mg/kg	0.02	0.336	N.D.	0.048	N.D.
Mercury(Hg)	mg/kg	0.002	0.021	N.D.	0.003	N.D.
Thallium(Tl)	mg/kg	0.0001	0.0007	N.D.	0.0001	N.D.
Conclusion	/	/	Pass			

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Photo appendix is included.

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B. In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, BfR recommendation & Regulation (EC) No. 1935/2004 of the European Parliament and Regulation (EU) No 10/2011 and its amendment directives (EU) 2020/1245 on materials and articles intended to come into contact with food

B.1: Overall Migration

Test method: With reference to BS EN1186-1: 2002 for selection of conditions and test methods: BS EN1186-3: 2002 aqueous food simulates by total immersion methods;

Simulant Used	Unit	MDL	Results			Limit
			(2)			
			1st	2nd	3rd	
10% ethanol at 40°C for 0.5 hours	mg/dm ²	3	4.0	3.7	N.D.	10
Stability	/	/	YES			/
Conclusion	/	/	Pass			/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Photo appendix is included.

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C. Bisphenol A (BPA) content

Test method: With reference to US EPA 3550C:2007 & US EPA 8270E: 2018, by solvent extraction and Analysis was performed by LC/MS/MS

Item	Unit	MDL	Results	Limit
			(2)	
Bisphenol A (BPA)	mg/kg	0.1	N.D.	Forbidden
Conclusion	/	/	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- Photo appendix is included.

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Photograph of Sample



BACL authenticate the photo on original report only

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Directions:

1. This report cannot be reproduced except in full, without prior written approval of the Company.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The information which provided by the applicant, such as sample description, sample name ,material component, style/item No. , P.O. No. , manufacture, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
6. The test samples were in good condition before testing.
7. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***