

4ECO LIMITED
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 GN10 1PS
 UNITED KINGDOM

Test Report No. BAN 263948/5
Issue Date: 03 October 2019

Attn: Clare Calow

The following sample was submitted and identified by the client as:

Sample Name: Biofase - Cutlery Straws.
Sample Reference: Cutlery + Straws.
Sample Description: Beige plastic fork, knife, spoon and straw.
Sample Submitted: 01 Oct 2019
Testing Period: Testing conducted between 01 Oct 2019 and 02 Oct 2019
(Please note this testing was subcontracted to another laboratory within the SGS group of companies)
Testing Requested: Please refer to the result summary.
Test Method & Results: Please refer to next page(s)

Result Summary:

Test Requested	Conclusion
European commission Regulation (EU) No 10/2011.	--
Specific Migration Of Heavy Metals	Pass

Signed for and on behalf of
 SGS United Kingdom Ltd.



Jo Pinkess BA (Hons) C Text ATI
 Operations Manager

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Test Results:

European commission Regulation (EU) No 10/2011

a) Plastic - Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 70 °C for 2 hours with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Barium	ND	0.25	1
Specific Migration of Cobalt	ND	0.03	0.05
Specific Migration of Copper	ND	0.25	5
Specific Migration of Iron	ND	0.25	48
Specific Migration of Lithium	ND	0.5	0.6
Specific Migration of Manganese	ND	0.25	0.6
Specific Migration of Zinc	ND	0.5	25
Specific Migration of Nickel	ND	0.01	0.02
Specific Migration of Aluminium	ND	0.1	1
Comment	PASS	-	-

Details of Analytical Samples:

1. Beige Cutlery

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. °C = degree Celsius
 3. ND = Not Detected

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SGS authenticate the photo on original report only

End of Report

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