

**Q: Why is bamboo material used for kitchenware?**

A: To avoid environmentally harmful plastic production, bamboo is used as a material for kitchenware. With its sustainable, hard-wearing and environmental-friendly material properties, it is a real alternative to common plastic or disposable packaging.

Bamboo is the fastest growing plant in the world. It has traditionally been used as a raw material in Asia for centuries. The cultivation of bamboo fields takes place without chemical aids. It can be harvested every three years and grows back to its original size on its own.

**Q: What is the product composition of the Eco Chic bamboo products?**

A: Our bamboo products are made of approx. 50% bamboo and 30% corn powder. As binding medium, approx. 20% Melamine resin is required.

**Q: Is the melamine component in the products hazardous to health?**

A: No. The Federal Institute for Risk Assessment does not see any health concerns when using cups, plates or bowls with melamine resin for hot beverages and food, as long as the legal limit values in the product composition are observed.

**Q: How can I be sure that my bamboo product meets the legal limit values?**

A: By purchasing quality products and by using kitchen products as indicated on the packaging.

In order to prevent health-endangering quantities of melamine and formaldehyde from being transferred to food, the legislator has set limit values.

The requirements are summarized in the EU standards 10/2011 and 1935/2004 and are demonstrably met by Eco Chic.

**Q: How do Eco Chic guarantee the quality assurance guaranteed for the bamboo cups?**

A: By constant control of the production batches, samples tested via Intertek Laboratory, we guarantee a constant high quality of our bamboo products.

How are Eco Chic bamboo products tested in the Intertek Lab?

Unlike other company that test only the body, the bamboo cup body, silicone ring and rubber are tested with a constant 70° hot liquid as well as 3% acetic acid for 7 x 2 hours.

**Q: How can I be sure that my bamboo product meets the legal limit values?**

A: The submitted sample complied with the suggested food contacting testing parameters for German §30 and §31 LFGB and also complied with general requirement of regulation (EU) 10/2011 and (EC) 1935/2004 article 3, paragraph 1.

1. Overall Migration Test, result <1.0, Limit 10mg/dm<sup>2</sup>
2. Specific Migration Of Formaldehyde Test, result <5, Limit 15 mg/kg
3. Specific Migration Of Melamine Test, result <1.0, Limit 2.5 mg/kg
4. Sensory Evaluation, result 0, Limit 2.5
5. Volatile Organic Matter Of Silicone Rubber, result <0.1%(w/w), Limit 0.5% (w/w)
6. Peroxide Residues Of Silicone Rubber, result: No positive reaction to peroxides
7. Extractable Substances Of Silicone Rubber, result <0.1%, Limit 0.5%

**Q: Can I safely drink coffee or tea from bamboo cups?**

A: Absolutely. The above described test conditions correspond to direct filling with boiling water

ECO CHIC®  
LONDON

T: +44 (0)20 8813 8545

F: +44 (0)20 8181 7263

E: info@eco-chic.eu

Faye UK Ltd, Unit 5  
River Brent Business Park  
Trumpers Way  
London, W7 2QA  
United Kingdom

Company No:  
05091122

VAT No:  
863 718301

Simple, hard-wearing  
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[www.eco-chic.eu](http://www.eco-chic.eu)



**Test Report**

Number: SHAH00985813

Applicant: Faye UK Ltd  
Unit 5 River Brent Business Park  
Trumpers Way, London, W7 2QA, U.K.  
Attention: Austin

Date: 28 Aug, 2018

**Sample Description:**

Ten (10) sets of submitted sample said to be :

Item Name : **Bamboo Fiber Mug.**

Item No. : **HA11055.**

Country Of Origin : **China.**

\*\*\*\*\*

**Tests Conducted:**

As requested by the applicant, for details refer to attached page(s).

\*\*\*\*\*

**Conclusion:**

According to the test results of below test parameters, and based on the provided material information, the food contacting components of submitted sample complied with the suggested food contacting testing parameters for German § 30 and § 31 LFGB and also complied with general requirement of regulation (EU) 10/2011 and (EC) 1935/2004 article 3, paragraph 1

**Tests conducted:**

Based on the assessment of the submitted sample and the information provided, the following tests had been conducted :

- 1) Sensory test on finished product
- 2) Global migration on plastic  
Specific migration of formaldehyde on plastic ,wooden part
- 3) Specific migration of melamine on plastic
- 4) Total polycyclic aromatic hydrocarbons on plastic and wooden part.
- 5) Total lead and cadmium content on plastic and wooden part
- 6) Volatile organic matter and peroxide residues on silicone rubber
- 7) Pentachlorophenol content on wooden part
- 8) Extractable compounds on silicone rubber
- 9) Organotin content on silicone rubber

\*\*\*\*\*

To be continued

Authorized By:



Leo Shi  
General Manager





# Certificate of Analysis or Examination carried out under the Food Safety (Sampling and Qualifications) (England) Regulations 2013

To: Annette Collinson  
Devon County Council (TS)  
Devon Trading Standards Service  
County Hall  
Topsham Road  
Exeter  
EX2 4QH

Report No : AR-19-WP-006928-02  
Sample No : 405-2019-33010313  
Page : 1 of 2  
Status : 00 Satisfactory

I, the undersigned Public Analyst for Devon County Council (TS)

certify that at on the 21 June 2019

the sample marked:

Date sample Taken	Reference Number, Description, etc	Weight or Measure
05/06/2019	ADM0039 BAMBOO COFFEE CUP North Devon Leisure Centre Seal No: 00482526 Informal PO Number: 30052301	

was received by me from you

I certify that the sample was analysed by me or under my direction and the results are as follows:

Duration for first migration	2.0	Hours
Duration for third migration	2.0	Hours
Duration of second migration	2.0	Hours
Layer thickness	Not applicable	
Mean	-	mg/kg food
Migration Type	Filling	
Replicate 1	<2	mg/kg food
Replicate 2	-	mg/kg food
Replicate 3	-	mg/kg food
surface volume ratio	2.7/300	dm <sup>2</sup> /ml
Temperature for first migration	70.0	°C
Temperature for second migration	70.0	°C
Temperature for third migration	70.0	°C
Variation from Norm	No	

My opinion and observations are:

The results correspond to the migration of formaldehyde from the article during its third use, determined in triplicate, in accordance with the regulations relating to repeat use articles. (Specific migration of formaldehyde from repeated use articles in 3% acetic acid (Method: Technical Guidelines 284/2011, spectrophotometry))

Regulation EC 10/2011 states that formaldehyde shall not be released into food by food contact materials at levels greater than 15 mg/kg/

The above result complies with this limit and the sample is satisfactory in this respect.

I further certify that the sample had undergone no change which would affect my results, opinion or observations.

# Certificate of Analysis or Examination carried out under the Food Safety (Sampling and Qualifications) (England) Regulations 2013

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Devon County Council (TS)  
Devon Trading Standards Service  
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EX2 4QH

**Report No** : AR-19-WP-006928-02

**Sample No** : 405-2019-33010313

**Page** : 2 of 2

**Status** : 00 Satisfactory

**Certified by me this** 13 **day of** August 2019 **at** Wolverhampton



**Signature**

**Name in BLOCK LETTERS** NIGEL PAYNE

**Status** Public Analyst

**Email** NigelPayne@PublicAnalystServices.co.uk

Unless requested otherwise, satisfactory and irregular samples are discarded 1 month after the report date, and unsatisfactory and failed samples are discarded 6 months after the report date.

**Official address** Public Analyst Scientific Services Ltd

i54 Business Park, Valiant Way  
Valiant Way  
Pendeford  
Wolverhampton, West Midlands, WV9 5GB  
T +44 1902 627241  
F +44 1902 627296