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Connectivity & Products  
Non Food

Taunusstein, 24/09/2021

**Test-report no. 5463444**  
**Test-report version < 1 >**

Original Sample ID	Sample Description	Sample Receipt Date
210948402	products from bamboo fibre and starch	13/08/2021



**General Information**

SGS-Client's ID	:	10182767
SGS-Customer-Order	:	5876099
Ordering date	:	12/08/2021
Testing period	:	03/09/2021 – 21/09/2021
Order No.	:	-
Testing scope	:	Test according to client's requirements

**Assessment**

Overall assessment	See results
The contents of all parameters tested are below their respective limits.	
<p><b>IMPORTANT:</b> "On May 28, 2021 the DG Sante of European Commission published a document to stronger enforce the illegal placing of non complaint plastic FCM on the EU market. The Commission and Member States particularly observe the continuing illegal placing on the market of additive to plastic food contact materials. Such substances are not authorized for use as constituents of plastic FCM, in accordance with Commission Regulation (EU) 10/2011. The conclusion derived from test results in this report focus on comparing test parameters with legal requirements but do explicitly not consider the formal non-conformity of unauthorized substance use and its consequences for marketability."</p>	

**SGS INSTITUT FRESENIUS GmbH**

*This test report was electronically created and released:*

	date	name	function	department
created	22.09.2021	i.A. Fabienne Greuling	Customer Service Assistant	Connectivity & Products
released	24.09.2021	i.A. Dr. Anja Manthey	Customer Service Consultant	Connectivity & Products

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**Summary of results**

Test	Result
specific migration of formaldehyde (Ref. No: 17260/54880, CAS No: 50-00-0)	pass
specific migration of melamine (2,4,6-triamino-1,3,5-triazine) (Ref. No: 19975/25420/93720, CAS No: 108-78-1)	pass

**Note:**

Conclusions on pass/fail are based on the test result from the actual sampling of the received sample(s).  
 Conclusions are based on the relevant requirements; measurement uncertainties are not taken into account. Only results above the relevant detection limit are taken into account for the calculation of sums.  
 Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.  
 The composite sampling method is based on the client's special request and could be a modification from the testing standard.  
 For 2-composite mix with results exceeding one half of the relevant requirements or 3-composite mix with results exceeding one third of the relevant requirements, the composite sample may have the possibility of one or more components that can lead to a failure result, it is recommended to test on individual basis.

**Photo documentation**



**List of sample parts**

Comp. no	Component-ID	Sample-Description	Original Sample ID
1	-	products from bamboo fibre and starch	210948402

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**Analytical results**

**specific migration of formaldehyde (Ref. No: 17260/54880, CAS No: 50-00-0)**

**Test Method**

DIN CEN/TS 13130-23 2005-05

simulant	3% acetic acid
duration	30 minutes
temperature	70 +/- 2°C
approach	6 dm <sup>2</sup> /L

<u>Sample(s) /Subsample(s)</u>	<u>Unit</u>	<u>Result</u>
		<b>1</b>
formaldehyde (50-00-0)	mg/kg	1st contact
Conclusion		< 0.3 Pass

Note:

**Requirement:** max. 15 mg/kg food simulant (referring to Regulation (EU) No 10/2011)

**specific migration of melamine (2,4,6-triamino-1,3,5-triazine) (Ref. No: 19975/25420/93720, CAS No: 108-78-1)**

**Test Method**

migration DIN 13130-1, measurement LC-MS/MS acc. to SOP M 1510, 2018-01

simulant	3% acetic acid
duration	30 minutes
temperature	70 +/- 2°C
approach	6 dm <sup>2</sup> /L

<u>Sample(s) /Subsample(s)</u>	<u>Unit</u>	<u>Result</u>
		<b>1</b>
Melamine (108-78-1)	mg/kg	1st contact
Conclusion		0.2 Pass

Note:

**Requirement:** max. 2.5 mg/kg food simulant (referring to Regulation (EU) No 10/2011)

\*\*\* End of test report \*\*\*

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