

REPORT
BO19A1231MG a
Sugarcane fiber tray with laminated PE film 75µm
Overall Migration (☐)

COMPANY:

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To Mr. Deshayes

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1. Sample

CTCPA Reference	Company Reference	Date of samples reception
BO19A1231	<p>Sugarcane fiber tray with laminated PE film 75µm</p> 	13/08/2019

2. References

- Standard procedure NF EN 1186, parts 1, 8 and 9
- European Regulation No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food and its amendments
- Framework regulation 1935/2004/EC

3. Test condition

	Expected Food product in contact	Alcohol	Acid	Fat	Method	Temperature and contact time
<p>Sugarcane fiber tray with laminated PE film 75µm</p>	<p>Acid and fatty acid foodstuffs</p> <p><i>Frozen, freezing and thawing products in the packaging, reheating 7 min to 900W</i></p> <p><i>Long-term storage products at room temperature or below</i></p>	<p>X</p> <p>Ethanol 10%</p>	X	X	By filling	10 days at 40°C

Alcohol: Aqueous solution of ethanol

Acid: Aqueous solution of acetic acid 3%

Fat: oil

4. Results

	Media in contact	General aspect of the tested material	General aspect of the simulant in contact	Individual value (mg/dm ²)	Average value mg/dm ²	
Sugarcane fiber tray with laminated PE film 75µm	Ethanol 10% ⁽¹⁾	No visible modification	No colour modification	0,3	0,3	☐
				0,3		
				0,3		
	Acid 3% ⁽¹⁾			0,1	0,1	☐
				0,1		
				0,1		
	Olive oil ⁽²⁾			4.7	5.7	
				5.4		
				7.1		

(1) Volume of simulant in contact = 200ml, surface of tested material for each test 2.99 dm²

(2) Volume of simulant in contact = 100ml, surface of tested material for each test 2.31 dm²

Reminder of the maximum permissible limits (european regulation 2011/10 and standard NF1186-1*):

For aqueous substitute medias:

10 mg/dm² with an analytical tolerance of 2 mg/dm²

60 mg/kg with an analytical tolerance of 12 mg/kg

For fat substitute medias:

10 mg/dm² with an analytical tolerance of 3 mg/dm²

60 mg/kg with an analytical tolerance of 20 mg/kg

(*) The Laboratory relies on the maximum permissible limits indicated in the legislation in force to give an opinion on the results obtained on the samples submitted for analysis. The Laboratory's measurement uncertainties (associated with the result) are not taken into account to conclude on compliance with regulatory limits.

5. Notice of compliance with regulatory limits

Considering results presented above, for the tested material (**Sugarcane fiber tray with laminated PE film 75µm**), the values of overall migration into aqueous alcohol simulant (up to 10%), acid media and the olive oil (A, B and D2 simulant of Regulation 2011/10), are in compliance with the overall migration limit specified by the European regulation.

Bourg en Bresse, 2019, 24th October



A PERRIN

Head of the packaging Unit

The results mentioned are applicable only to the samples, products or materials submitted to the laboratory of the CTCPA and such as they are defined in this document

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