



## Declaration of Compliance for materials and articles intended to come into contact with foodstuffs

We, **Brouwland**, Korpelsesteenweg 86, 3581 Beverlo, Belgium, declare that the following product, made of polyester

**053.270.5 muslin hop boiling bags**

**053.271.3 muslin hop boiling bags**

And used as hop bag

Is in conformity with **the following European Legislation:**

The overall migration has been performed according to rules as laid down in Commission Regulation (EU) No 10/2011 (and amendments) relating to plastic materials and articles intended to come into contact with food.

The report, the tests described and the conditions used to obtain the results presented are based on the following legislation :

- Framework Regulation (EC) No 1935/2004 of October 27, 2004
- Regulation 2023/2006
- Commission Regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food, up to and including amendment (EU) no 2015/174.
- Commodity Act Packaging and Food Utensils Regulation of The Netherlands including its amendments up to and including VGP-328583-117560 of March 14, 2014.

### **Overall Migration:**

The samples are placed in contact with the food simulants and at the testing conditions as mentioned in table 1. The methods described in this section are chosen based on the requested tests at the conditions of contact as were selected by the client.

*Table 1: Test conditions Overall migration*

<b>Sample</b>	<b>Simulants</b>	<b>Test conditions</b>
Polyester	Aqueous food stimulant	2 hours at 100°C

### **Brouwland**

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*Table 2: results*

Tested Component	Result in mg/dm <sup>2</sup> 20% (v/v) ethanol		
	1st	2nd	3rd
(1)	<3.0	<3.0	<3.0
Limit in mg/dm <sup>2</sup>	10		

**Specific Migration:****A. Specific Migration of Heavy Metal**

Test condition:

Food simulant: 3% (w/v) Acetic acid

Temperature: 100 °C Time: 2 hours

Ratio of food contact surface area to volume of component used to establish the compliance of material or article = 1.2 dm<sup>2</sup> : 200 mL.

Result: pass

**B. Specific Migration of Ethylene Glycol**

Test Condition:

Aqueous food simulant and dry food simulant

Temperature: 100 °C Time: 2 hours

Ratio of food contact surface area to volume of component used to establish the compliance of material or article = 1.2 dm<sup>2</sup> : 200 mL.

Result: pass

**C. Specific Migration of Terephthalic Acid**

Test Condition:

Aqueous food simulant and dry food simulant

Temperature: 100 °C Time: 2 hours

Ratio of food contact surface area to volume of component used to establish the compliance of material or article = 1.2 dm<sup>2</sup> : 200 mL.

Result: pass

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Dual-use additives are absent

The storage conditions are: dry, ambient temperature, off the floor

The use conditions are: dry, ambient temperature, max. 100 °C for less than 2 hours

**Conclusion:**

These polyester muslin hop boiling bags comply with the above mentioned Regulations. The overall migration values are below the migration limits.

The articles are intended to come into contact with the following foodstuffs: dry, acidic and alcoholic foodstuffs.

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Signed and dated, Beverlo, 22/07/2022

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Quality & Compliance Specialist

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