

055.080.6 Brewferm Rice hulls 200 L (ca. 20 kg)
055.081.4 Brewferm Rice hulls 1 kg

Declaration of compliance for plastic materials and articles intended to come into contact with foodstuffs

We, **Brouwland**, Korpelsesteenweg 86, 3581 Beverlo, Belgium

Declare that the following articles

055.080.6 Brewferm Rice hulls 200 L (ca. 20 kg)

055.081.4 Brewferm Rice hulls 1 kg

Made out of rice husks and used as filter bed in the beer brewing process, comply with **EU Regulation 1935/2004** and can come into contact with liquid foodstuffs.

Results:

Parameter	Result	UM	Limit ⁽¹⁾
Arsenic	6.7	µg/L	10
Lead	<1	µg/L	10
Cadmium	<5	µg/L	5.0
Chromium	2.1	µg/L	50
Chromium V	<1	µg/L	10
Nickel	8.4	µg/L	20
Copper	<0.1	mg/l	1.0
Mercury	<0.1	µg/L	1.0
Antimony	<5	µg/L	5.0

Conclusion:

The purpose of the analysis is the verification of the suitability for food contact with the rice husk. Not being regulated by specific legislation an assessment was made of the possible substances released, referring to Reg. EU 1935/2004 concerning materials and objects intended to come into contact with food products; in particular the transfer of metals was evaluated.

To do this, the most extreme food simulant was chosen for the analytes to be researched. The contact was made by immersion for 180 minutes at 90°C with a kg of husk/volume of simulant ratio of 1:50, which was worse than the actual conditions of use. The results obtained were compared with the limits established by Italian Legislative Decree no. 02-02-2001 no. 31 for water intended for human consumption. The results show that all the parameters sought are lower than the limit set by this legislation, so it can be concluded that the sample of rice husk analysed complies with the provisions of Reg. 1935/2004.

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Signed and dated, Beverlo, 16/07/2018

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