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Certificate of analysis 12008806 - 002 b replaces certificate 12008806-002 from 13.08.2012

Sample name : Plastic box - blue

Marking of Sample : plastic material (carrier resin): HDPE
Application: Fruit and vegetables - packed food products

Customer No. : none

Packaging : Foldable tray

Gross weight / volume : 1 folding box

Shipping of sample : Courier service

Sample Entry : 05.07.2012

Entrance temperature : Room temperature

Sample taken : by sender

Sub-order : assigned

Begin/end of analysis : 05.07.2012 / 13.08.2012

Remarks : Global migration in 3% acetic acid, water, 10% ethanol and olive oil:
10d / 40°C

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Test Results

Chemical Test	Meas. value	Unit	Limit value	Test method
Migration, simulant 3% acetic acid	2,0	mg/dm ²	<=10	§ 64 LFGB B 80.30
Migration, simulant water	2,1	mg/dm ²	<=10	§ 64 LFGB B 80.30
Migration, olive oil	<5	mg/dm ²	<=10	§ 64 LFGB B 80.30 ³
Migration, simulant 10% ethanol	1,3	mg/dm ²	<=10	§ 64 LFGB B 80.30

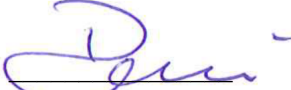
Assessment:

Decisive for the assessment of this sample is Article 3 of Regulation (EC) No. 1935/2004. According to this article, materials and articles, including active and intelligent materials and articles, shall be manufactured in compliance with good manufacturing practice so that, under normal or foreseeable conditions of use, they do not transfer their constituents to food in quantities which could:

- (a) endanger human health; or
- (b) bring about an unacceptable change in the composition of the food; or
- (c) bring about a deterioration in the organoleptic characteristics thereof.

Results of migration analysis meet the requirements (overall migration limit 10 mg/dm² plastic materials) of the European Regulation EU No. 10/2011 Art. 12 on plastic materials and articles intended to come into contact with food regarding the tests carried out. Therefore the analyzed sample is fully comply to the requirements of the German Regulation "Lebensmittel- und Futtermittel-Gesetzbuch LFGB" according to §§ 30 and 31 (1) and was produced according to the good manufacturing practice as defined by Article 3 of the European Regulation (EC) No. 1935/2004 and Article 5 of the European Regulation (EC) No. 2023/2006 respectively. According to annex point 2.2.1 of the European Regulation EU No. 10/2011 and based on scientific evidence it is possible to replace the specific migration of non-volatile substances like UV-stabilizers (CAS 65447-77-0, CAS 71878-19-8) by overall migration. Therefore, we assume that the sample meets the requirements of the specific migration limits (CAS 65447-77-0 SML 30 mg/kg and CAS 71878-19-8 SML 3 mg/kg) of the European Regulation EU No. 10/2011.

Hamburg, 05.12.2012



i. A. Dr. R. Ranau

(Approved Food Chemist / Customer Service)