

Biopack bv
Konijnenboslaan 21
B-8470 Gistel

Declaration of Compliance

Product code	RPETL1515
Description	Anti-fog lids for salad bowls - Ø 150 mm - Transparent
Material	rPET

The manufacturer hereby declares and guarantees that the rPET lids have been designed and manufactured in compliance with the Commission Regulation (EU) No 10/2011.

TEST RESULT

Overall Migration

Test Requested : To determine the Overall Migration for compliance with Commission Regulation (EU) No 10/2011 and its amendments relating to plastic materials and articles intended to come into contact with foodstuffs.

Test Method : By reference to EU 10/2011 for selection of test condition;
With reference to EN 1186-1:2002 for selection of test methods;
or EN1186-3:2002 aqueous food simulants by total immersion method;
or EN1186-9:2002 aqueous food simulants by article filling method;
or EN1186-2:2002 olive oil by total immersion method;
or EN1186-8:2002 olive oil by article filling method;
or EN1186-14:2002 substitute test

Simulant used	Time	Temperature	Max. Permissible Limit (mg/dm ²)	Test Result (mg/dm ²)
				1
3% Acetic Acid (W/V) Aqueous Solution	2hrs	70°C	10	<3.0
10% Ethanol (V/V) Aqueous Solution	2hrs	70°C	10	<3.0
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	2hrs	60°C	10	<3.0
Isooctane (Rectified Olive Oil Substitute)	0.5hr	40°C	10	<3.0

Specific Migration of Isophthalic Acid

Test Request: To determine the specific migration of Isophthalic acid, in accordance with Commission Regulation (EU) No. 10/2011 and its amendments, for materials and articles intended to come into contact with food and foodstuffs.

Test Method: With reference to EU 10/2011 for selection of test condition, with reference to BS EN 13130-2:2004 for sample preparation, analysis was performed by HPLC-UV/MS.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution
Test Condition: 40°C 6hours

Tested Item(s)	Unit	Limit	MDL	Result
				1
Specific migration of isophthalic acid	mg/kg	5	2	<2

Remark:

- (1) mg/kg = milligram per kilogram
- (2) ND = not detected, less than MDL
- (3) MDL = method detection limit
- (4) Test condition & simulant were specified by client.

Specific Migration of Terephthalic Acid

Test Request: To determine the specific migration of Terephthalic acid, in accordance with Commission Regulation (EU) No. 10/2011 and its amendments, for materials and articles intended to come into contact with food and foodstuffs.

Test Method: With reference to EU 10/2011 for selection of test condition, with reference to BS EN 13130-2:2004 for sample preparation, analysis was performed by HPLC-UV/MS.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 40°C 6hours

Tested Item(s)	Unit	Limit	MDL	Result
				1
Specific migration of terephthalic acid	mg/kg	7.5	2	<2

Specific Migration of Heavy Metal

Test Requested : To determine the Specific Migration of Heavy Metal for compliance with Commission Regulation (EU) No 10/2011 and its amendments on plastic materials and articles intended to come into contact with food.

Test Method : With reference to Regulation (EU) 10/2011 and its amendment for selection of test condition and EN 13130-1:2004 for test preparation method; analysis was performed by ICP-OES.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 40°C 6hours

Test Item(s)	Max. Permissible limit	Unit	MDL	Test Result
				1
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.05	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.05	ND
Zinc	5*	mg/kg	0.5	ND
Aluminium	1	mg/kg	0.1	ND
Nickel	0.02	mg/kg	0.01	ND

Specific Migration of Antimony

Test Requested : To determine the Specific Migration of antimony, by reference with Commission Regulation (EU) No. 10/2011 and its amendments, for materials and articles intended to come into contact with food.

Test Method : With reference to EU 10/2011 for selection of test condition, with reference to BS EN 13130-1:2004 for sample preparation; analysis was performed by ICP-OES/ICP-MS

Simulant used: 3% Acetic Acid (W/V) Aqueous Solution
Test condition: 40°C 6hours

Test Item(s)	limit	Unit	MDL	Test Result
				1
Specific Migration of Antimony	0.04	mg/kg	0.01	ND

Note:

- (1) mg/kg = milligram per kilogram
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected(<MDL)
- (4) Test condition & simulant were specified by client.

Specific Migration of Bisphenol A

Test Request: To determine the specific migration of Bisphenol A, in accordance with Commission Regulation (EU) No. 10/2011 and its amendment Commission Regulation (EU) No 2018/213, for materials and articles intended to come into contact with food and foodstuffs.

Test Method: With reference to EU 10/2011 for selection of test condition, with reference to BS EN 13130-1:2004 for sample preparation, analysis was performed by HPLC-MS.

Simulant Used: 3% Acetic Acid
Test Condition: 100°C 2hours

Tested Item(s)	Unit	Limit	MDL	Result
				1
Specific migration of 2,2-bis(4-hydroxyphenyl) propane (Bisphenol A)	mg/kg	0.05	0.01	ND

Gistel, 29/03/2022



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