

## TEST REPORT No 76188 A

1. Customer, it's address

Center for Testing and European Certification - CTEC, Individual merchant,  
5-69 Engures str., Jurmala, LV-2016

2. Sample identification according to the announcement No L-12354

Product name "PEGAS" dispensers – Seals PMK.10.00.026 and PMK.10.00.027  
Manufacturer Novosibirskprod mash Production Association Ltd. Company address: 254/1,  
Bolshaya Street. 630032 Novosibirsk, Russia.  
Sample amount 60 pieces

3. Sample description

Yellow polymer details placed in polymer bag with label: 30 Силоксановый  
каучук СКТВ ТУ38103675-89 Прокладка PMK.10.00.026  
Yellow polymer details placed in polymer bag with label: 30 Силоксановый  
каучук СКТВ ТУ38103675-89 Прокладка PMK.10.00.027

4. Testing time

Received	Started	Finished
26/11/2015	27/11/2015	09/12/2015

5. Test results and methods

Organoleptic assessment of distilled water after test

T-138-31-1:2011\*

- smell intensity grade 0  
- taste intensity grade 0

Explanation: grade 0 = unchanged grade 3 = major changes  
grade 1 = just small changes grade 4 = strong changes  
grade 2 = minor changes

Overall migration in 3% acetic acid < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Overall migration in 20% ethanol < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Migration of primary aromatic amines < 0.002 mg/kg food simulant L 00.00-6  
in 3% acetic acid

Specific migration in 3% acetic acid: EN ISO 11885:2009

- Barium	< 0.1 mg/kg food simulant
- Cobalt	< 0.005 mg/kg food simulant
- Copper	< 0.5 mg/kg food simulant
- Iron	< 1.0 mg/kg food simulant
- Lithium	< 0.05 mg/kg food simulant
- Manganese	< 0.05 mg/kg food simulant
- Zinc	< 0.5 mg/kg food simulant

– All migration tests and organoleptic assessment were carried out by immersing samples in corresponding migration liquid and further exposing 10 days at a temperature of +40°C.

– Surface/volume ratio in specific migration tests and by organoleptic assessment 6:1.

\* the method is not included in the scope of accreditation



Z. Veseris  
Laboratory Manager  
14/12/2015

**TEST REPORT No 76189 A**

1. Customer, it's address

**Center for Testing and European Certification - CTEC, Individual merchant,  
5-69 Engures str., Jurmala, LV-2016**

2. Sample identification according to the announcement No L-12354

Product name **"PEGAS" dispensers – Details of the Plastic ABC LG HI 121/9001**  
Manufacturer **Novosibirskprod mash Production Association Ltd. Company address: 254/1,  
Bolshaya Street. 630032 Novosibirsk, Russia.**  
Sample amount **72 pieces**

3. Sample description

Metal parts with yellow colored plastic inside, placed in polymer bag with label: 4 Пластик АБС (черн) LG HI 121/9001. Штуцер АРН-40.03.000

Black plastic screws placed in polymer bag with label: 30 Пластик АБС (черн) LG HI 121/9001. Винт (АБС) АРН-40.00.004

Black plastic details placed in polymer bag with label: 4 Пластик АБС (черн) LG HI 121/9001. Корпус PG01.01.00.000

Black plastic details placed in polymer bag with label: 4 Пластик АБС (черн) LG HI 121/9001. Корпус переключателя PG01.02.00.010

Black plastic details placed in polymer bag with label: 30 Пластик АБС (черн) LG HI 121/9001. Пробка (АБС) АРН-40.00.008-01

4. Testing time

Received

Started

Finished

26/11/2015

27/11/2015

14/12/2015

5. Test results and methods

Organoleptic assessment of distilled water after test

T-138-31-1:2011\*

- smell intensity

grade 0

- taste intensity

grade 0

Explanation: grade 0 = unchanged grade 3 = major changes  
grade 1 = just small changes grade 4 = strong changes  
grade 2 = minor changes

Overall migration in 3% acetic acid < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Overall migration in 20% ethanol < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Migration of primary aromatic amines < 0.002 mg/kg food simulant L 00.00-6  
in 3% acetic acid

Specific migration in 3% acetic acid: EN ISO 11885:2009

- Barium < 0.1 mg/kg food simulant  
- Cobalt < 0.005 mg/kg food simulant  
- Copper < 0.5 mg/kg food simulant  
- Iron < 1.0 mg/kg food simulant  
- Lithium < 0.05 mg/kg food simulant  
- Manganese < 0.05 mg/kg food simulant  
- Zinc < 0.5 mg/kg food simulant

– All migration tests and organoleptic assessment were carried out by immersing samples in corresponding migration liquid and further exposing 10 days at a temperature of +40°C.

– Surface/volume ratio in specific migration tests and by organoleptic assessment 6:1.

\* the method is not included in the scope of accreditation



Z. Veseris  
Laboratory Manager  
18/12/2015



**TEST REPORT No 76190 A**

1. Customer, it's address

**Center for Testing and European Certification - CTEC, Individual merchant,  
5-69 Engures str., Jurmala, LV-2016**

2. Sample identification according to the announcement No L-12354

Product name **"PEGAS" dispensers – Details of the KOCETAL POM K 300**  
Manufacturer Novosibirskprod mash Production Association Ltd. Company address: 254/1,  
Bolshaya Street. 630032 Novosibirsk, Russia.  
Sample amount 30 pieces

3. Sample description

Black colored plastic details placed in polymer bag with label: 30 Полиацеталь **KOCETAL POM K 300**.  
Клапан PG01.02.00.011

4. Testing time

Received	Started	Finished
26/11/2015	27/11/2015	14/12/2015

5. Test results and methods

Organoleptic assessment of distilled water after test

T-138-31-1:2011\*

- smell intensity grade 0  
- taste intensity grade 0

Explanation: grade 0 = unchanged grade 3 = major changes  
grade 1 = just small changes grade 4 = strong changes  
grade 2 = minor changes

Overall migration in 3% acetic acid < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Overall migration in 20% ethanol < 1 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Migration of primary aromatic amines < 0.002 mg/kg food simulant L 00.00-6  
in 3% acetic acid

Specific migration in 3% acetic acid: EN ISO 11885:2009

- Barium < 0.1 mg/kg food simulant  
- Cobalt < 0.005 mg/kg food simulant  
- Copper < 0.5 mg/kg food simulant  
- Iron < 1.0 mg/kg food simulant  
- Lithium < 0.05 mg/kg food simulant  
- Manganese < 0.05 mg/kg food simulant  
- Zinc < 0.5 mg/kg food simulant

– All migration tests and organoleptic assessment were carried out by immersing samples in corresponding migration liquid and further exposing 10 days at a temperature of +40°C.

– Surface/volume ratio in specific migration tests and by organoleptic assessment 6:1.

\* the method is not included in the scope of accreditation



Z. Veseris  
Laboratory Manager  
18/12/2015

## TEST REPORT No 76191 A

### 1. Customer, it's address

**Center for Testing and European Certification - CTEC, Individual merchant,  
5-69 Engures str., Jurmala, LV-2016**

### 2. Sample identification according to the announcement No L-12354

Product name **"PEGAS" dispensers – Details of the Pentasil 1722**  
Manufacturer **Novosibirskprodmarsh Production Association Ltd. Company address: 254/1,  
Bolshaya Street. 630032 Novosibirsk, Russia.**  
Sample amount **150 pieces**

### 3. Sample description

Light yellow colored polymer rings placed in polymer bag with label: 30 "Пентасил 1722" ТУ 2512-077-40245042-2004. Кольцо PG01.02.00.012

Light yellow colored polymer rings placed in polymer bag with label: 30 "Пентасил 1722" ТУ 2512-077-40245042-2004. Кольцо PG01.02.00.015

Light yellow colored polymer corks placed in polymer bag with label: 30 "Пентасил 1722" ТУ 2512-077-40245042-2004. Пробка резиновая PG01.02.00.003

Light yellow colored polymer rings placed in polymer bag with label: 30 "Пентасил 1722" ТУ 2512-077-40245042-2004. Кольцо 005-009-25-2-6 ГОСТ 9833-73

Light yellow colored polymer rings placed in polymer bag with label: 30 "Пентасил 1722" ТУ 2512-077-40245042-2004. Кольцо 013-017-25-2-6 ГОСТ 9833-73

4. Testing time	Received	Started	Finished
	26/11/2015	27/11/2015	14/12/2015

### 5. Test results and methods

Organoleptic assessment of distilled water after test

T-138-31-1:2011\*

- smell intensity grade 0  
- taste intensity grade 0

Explanation: grade 0 = unchanged grade 3 = major changes  
grade 1 = just small changes grade 4 = strong changes  
grade 2 = minor changes

Overall migration in 3% acetic acid 3,5 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Overall migration in 20% ethanol 5,8 mg/dm<sup>2</sup> surface area of sample EN 1186-3:2002

Migration of primary aromatic amines < 0.002 mg/kg food simulant L 00.00-6  
in 3% acetic acid

Specific migration in 3% acetic acid: EN ISO 11885:2009

- Barium < 0.1 mg/kg food simulant  
- Cobalt < 0.005 mg/kg food simulant  
- Copper < 0.5 mg/kg food simulant  
- Iron < 1.0 mg/kg food simulant  
- Lithium < 0.05 mg/kg food simulant  
- Manganese < 0.05 mg/kg food simulant  
- Zinc < 0.5 mg/kg food simulant

- All migration tests and organoleptic assessment were carried out by immersing samples in corresponding migration liquid and further exposing 10 days at a temperature of +40°C.

- Surface/volume ratio in specific migration tests and by organoleptic assessment 6:1.

\* the method is not included in the scope of accreditation



Z. Veseris  
Laboratory Manager  
18/12/2015



## TEST REPORT No 76186 A

1. Customer, it's address

**Center for Testing and European Certification - CTEC, Individual merchant,  
5-69 Engures str., Jurmala, LV-2016**

2. Sample identification according to the announcement No L-12352

Product name **"PEGAS" dispensers – Упаковочная коробка (гофркартон)**  
Manufacturer **Novosibirskprod mash Production Association Ltd. Company address: 254/1,  
Bolshaya Street. 630032 Novosibirsk, Russia.**  
Sample amount **1 piece**

3. Sample description

Cardboard box placed in polymer bag with label: 1Картонная коробка (гофр.). Information on the box: PEGAS® devices. Инновационное устройство для быстрого беспенного розлива пива. Made in Russia by Novosibirskprod mash Company 630108, Russian Federation Novosibirsk city, P. O. box 239.

4. Testing time

Received

Started

Finished

26/11/2015

07/12/2015

16/12/2015

5. Test results and methods

Chromium (VI)	< 0.02 mg/kg	Spectrometry
Cadmium	< 0.5 mg/kg	Inductively coupled plasma spectrometry
Mercury	< 0.1 mg/kg	Inductively coupled plasma spectrometry
Lead	< 0.5 mg/kg	Inductively coupled plasma spectrometry



Z. Veseris  
Laboratory Manager  
17/12/2015