

Declaration of compliance with COMMISSION REGULATION (EU) No 10/2011

- 1) the identity and address of the business operator issuing the declaration of compliance:

*Kwazar Corporation Sp. z o.o.
ul. Chełmońskiego 144
96-313 Budy Grzybek*

- 2) the identity and address of the business operator which manufactures or imports the plastic materials or articles or products from intermediate stages of their manufacturing or the substances intended for the manufacturing of those materials and article:

*Kwazar Corporation Sp. z o.o.
ul. Chełmońskiego 144
96-313 Budy Grzybek*

- 3) the identity of the materials, the articles, products from intermediate stages of manufacture or the substances intended for the manufacturing of those materials and articles:

*WTV.0406 Sprayer Venus Super Food 1,0L
WTV.0409 Sprayer Venus Super Food 1,5L*

Plastic materials used in the product: HDPE Hostalen ACP 5231D (tank), LDPE Malen E FABS 23-D022 (suction tube), PP Moplen EP 300K, Tatren HT 3 06 (pump elements and filter).

- 4) the date of the declaration: *17.05.2023*

- 5) confirmation that the plastic materials or articles, products from intermediate stages of manufacture or the substances meet the relevant requirements laid down in this Regulation and in Article 3, 11(5), 15 and 17 of Regulation (EC) No 1935/2004:

We hereby confirm that the above mentioned products comply with:

- COMMISSION REGULATION (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food,*
- REGULATION (EC) No 1935/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC,*
- COMMISSION REGULATION (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food.*

OVERALL MIGRATION – Results:

No.	Food simulant	Test conditions	Result	Criteria
1	10% EtOH (A)	10 days/40°C	≤10 mg/dm ²	≤10 mg/dm ²
2	3% AA (B)	10 days/40°C	≤10 mg/dm ²	≤10 mg/dm ²
3	95% EtOH (D2e)	10 days/40°C	≤10 mg/dm ²	≤10 mg/dm ²
4	Isooctane (D2i)	10 days/40°C	≤10 mg/dm ²	≤10 mg/dm ²

Comments:

- The tank: food simulant volume: 1500 ml, tested by filling to nominal volume.*
- The pump elements and the suction tube: migration method – total immersion, food contact surface area/food simulant volume: 1,00 dm²/100 ml.*
- Repeated use articles.*
- According to PN-EN 1186-1:2005*

SENSORY ANALYSIS – results:

The tank:

No.	Parameter	Food simulant	Test conditions	Result
1	Odour	Water	10 days/40°C	0,0
2	Flavour	Water	10 days/40°C	0,5

The pump elements, the suction tube:

No.	Parameter	Food simulant	Test conditions	Result
1	Odour	Water	10 days/40°C	0,0
2	Flavour	Water	10 days/40°C	0,0

Comments:

- scoring method - 6 assessors
 - According to DIN 10955:2004
- 6) adequate information relative to the substances used or products of degradation thereof for which restrictions and/or specifications are set out in Annex I and II to the Regulation to allow the downstream business operators to ensure compliance with the Regulation.

SPECIFIC MIGRATION – Results:

Elements Of Annex II to Commission Regulation (EU) No 10/2011

No.	Name of the element	Food simulant	Test conditions	Criteria mg/kg	Statement of conformity
1	Lithium (Li)	3% AA	10 days/40°C	≤ 0,6	Pass
2	Sodium (Na)	3% AA	10 days/40°C	≤ 60	Pass
3	Magnesium (Mg)	3% AA	10 days/40°C	≤ 60	Pass
4	Aluminum (Al)	3% AA	10 days/40°C	≤ 1	Pass
5	Potassium (K)	3% AA	10 days/40°C	≤ 60	Pass
6	Calcium (Ca)	3% AA	10 days/40°C	≤ 60	Pass
7	Chromium (Cr)	3% AA	10 days/40°C	≤ 0,01	Pass
8	Manganese (Mn)	3% AA	10 days/40°C	≤ 0,6	Pass
9	Iron (Fe)	3% AA	10 days/40°C	≤ 48	Pass
10	Cobalt (Co)	3% AA	10 days/40°C	≤ 0,05	Pass
11	Nickel (Ni)	3% AA	10 days/40°C	≤ 0,002	Pass
12	Copper (Cu)	3% AA	10 days/40°C	≤ 5	Pass
13	Zinc (Zn)	3% AA	10 days/40°C	≤ 5	Pass
14	Arsenic (As)	3% AA	10 days/40°C	≤ 0,01	Pass
15	Cadmium (Cd)	3% AA	10 days/40°C	≤ 0,002	Pass
16	Antimony (Sb)	3% AA	10 days/40°C	≤ 0,04	Pass
17	Barium (Ba)	3% AA	10 days/40°C	≤ 1	Pass
18	Lanthanum (La)	3% AA	10 days/40°C	≤ 0,05	Pass
19	Europium (Eu)	3% AA	10 days/40°C	≤ 0,05	Pass
20	Gadolinium (Gd)	3% AA	10 days/40°C	≤ 0,05	Pass
21	Terbium (Tb)	3% AA	10 days/40°C	≤ 0,05	Pass
22	Mercury (Hg)	3% AA	10 days/40°C	≤ 0,01	Pass
23	Lead (Pb)	3% AA	10 days/40°C	≤ 0,01	Pass
24	Sum of lanthanide	3% AA	10 days/40°C	≤ 0,05	Pass

Comments:

- a. Repeated use articles.
- b. The pump elements and the suction tube: the result was calculated assuming the conventional surface to volume ratio of 6 dm² per 1 kg of food.
- c. The tank: applying the real surface to volume ratio in actual use (volume of 1750 ml), acc. to Article 17, p.1 of Reg. (EU) 10/2011..

Primary aromatic amines PPAs – the suction tube, the pump elements:

No.	Parameter	Food simulant	Test conditions	Criteria mg/kg	Statement of conformity
1	Sum of PPAs	3% AA	10 days/40°C	≤ 0,01	Pass

Comments:

- a. Repeated use articles.
- b. The result was calculated assuming the conventional surface to volume ratio of 6 dm² per 1 kg of food.

FCM 433 octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate [CAS: 2082-79-3; Ref.: 68320] – the suction tube:

No.	Parameter	Food simulant	Test conditions	Criteria mg/kg	Statement of conformity
1	FCM 433	95% EtOH	10 days/40°C	≤ 6	Pass

Comments:

- a. Repeated use articles.
- b. The result was calculated assuming the conventional surface to volume ratio of 6 dm² per 1 kg of food.

FCM 779 9,9-bis(methoxymethyl)fluorene [CAS: 182121-12-6; Ref.: 39815] – the pump elements:

No.	Parameter	Food simulant	Test conditions	Criteria mg/kg	Statement of conformity
1	FCM 779	Olive oil	10 days/40°C	≤ 0,05	Pass

Comments:

- a. Repeated use articles.
- b. The result was calculated assuming the conventional surface to volume ratio of 6 dm² per 1 kg of food.

- 7) adequate information relative to the substances which are subject to a restriction in food, obtained by experimental data or theoretical calculation about the level of their specific migration and, where appropriate, purity criteria in accordance with Directives 2008/60/EC, 95/45/EC and 2008/84/EC to enable the user of these materials or articles to comply with the relevant EU provisions or, in their absence, with national provisions applicable to food:

Dual-use additives used in products: E470a, E470 (they are determined by elements, they are included in the migration of elements).

- 8) specifications on the use of the material or article, such as:
- (i) type or types of food with which it is intended to be put in contact:
The product is intended for contact with all kinds of liquid food, the repeated use article.
 - (ii) time and temperature of treatment and storage in contact with the food:
Contact conditions OM2 were used in the global and specific migration tests and the sensory analysis (Any long-term storage at room temperature or below, including when packaged under hot-fill conditions, and/or heating up to a temperature T where $70\text{ }^{\circ}\text{C} \leq T \leq 100\text{ }^{\circ}\text{C}$ for a maximum of $t = 120/2^{((T-70)/10)}$ minutes.). Test OM 2 covers also food contact conditions described for OM0, OM1 and OM3. However, due to the nature of the product, please note that this is not packaging and follow the supplied instruction manual. The sprayer is not intended to store working liquid, it should not be heated and filled with hot liquids.
 - (iii) the highest food contact surface area to volume ratio for which compliance has been verified in accordance with Article 17 and 18 or equivalent information:
*The pump elements and the suction tube – migration method – total immersion, food contact surface area/food simulant volume: $1,00\text{ dm}^2/100\text{ ml}$
The tank – the real surface to volume ratio.*
- 9) when a functional barrier is used in a multi-layer material or article, the confirmation that the material or article complies with the requirements of Article 13(2), (3) and (4) or Article 14(2) and (3) of this Regulation:
- not applicable*
- 10) additional information:
- a. *The results based on the Test Reports: No 45746/23/POZ, No 117127/23/POZ, No 117128/23/POZ, No 117129/23/POZ. Tests performed by the Research Laboratory J.S. HAMILTON POLAND Sp. z o.o. (03.02.2023 – 26.04.2023).*
 - b. *The gaskets used in the product are made of VMQ and comply with FDA 21 CFR 177.2600 and EC 1935/2004.*
 - c. *The inks used to print on the tank comply with EuPIA guidelines.*
 - d. *According to Article 15 (3) of COMMISSION REGULATION (EU) No 10/2011: „Declaration shall be renewed when substantial changes in the composition or production occur that bring about changes in the migration from the materials or articles or when new scientific data becomes available.”.*

Laboratory Research Specialist


Katarzyna Bator

Name, surname and signature