

**THE REGIONAL PUBLIC HEALTH AUTHORITY
IN POPRAD**

**Zdravotnícka 3525/3, 058 97 Poprad
LABORATORY RÚVZ IN POPRAD**

**The National Reference Laboratory
for materials intended to come into contact with foodstuffs**

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**The evaluation of safety of products intended to come into contact
with drinking water No 124/2021**

Name and address of customer : Swiss Aqua Technologies SK s.r.o.
Rusínska 15113/9
080 01 Prešov
Slovakia

Product title : **IPS KalyxX Active**
variant 1:AISI304 + Al; Variant 2: CuZn + TiZn

Producer : Swiss Aqua Technologies AG, Cham 6330, Switzerland

Application : *for direct contact with drinking water – physical treatment of drinking water
(preventing the formation of scale and corrosion at the point of consumption)*

Date of issue: 23.09.2021

Submitted documentation:

1. Test report, the evaluation of safety of the product intended to come into contact with drinking water No 5/2018 to products of the equipment IPS Kalyxx, issued by The Regional Public Health Authority in Poprad, NRL for materials intended to come into contact with foodstuffs, issued on 16.02.2018.
2. Copy of test report 3.1 No 2703/09/2021 to the product brass sheet CuZn37 R350, issued by company Metall-Expres sp. z o.o., Siemieńskiego 14, 35 234 Tszów, Poland, issued on 14.09.2021.
3. Test certificate No K-303662-18-Bs to the product Hostaform M15HP, C2521, C9021, C13021, 013031, C27021 a C52021, issued by Hygiene-Institut des Ruhrgebiets, Postfach 10 12 55, 458 12 Gelsenkirchen, Germany, issued on 27.09.2018.
4. Technical specification of the product HOSTAFORM® C9021/POM/Unfilled, issued by producer Ticona.
5. Confirmation about the WRAS certification No 1601516 to products Hostaform.
6. Certificate No A80026535 to the material 3061100 – Sheets CW508L 0,6X1000X2000 R350(1/2T), issued by company Peter Jarabica Servis Metal, Nám. slobody 1622/27, 020 01 Púchov, Slovakia, issued on 20.05.2016.

7. Certificate No 472109273 to the product round steel (type: 1.4307/1.4301), issued by company ITC, a.s., Třída T. Bati 299, Louky, 763 02 Zlín, Czech republic, issued on 13.05.2016.
8. Inspection certificate type EN 10204/3.1 No 2017-19042 to the product Stainless Steel Round Bright Bar Hot Rolled Peeled Centerless Ground & Polished, issued by company Aamor Inox Limited, A-30, Site IV, UPSIDC Industrial Area, Sahibabad, Ghaziabad 201010, Uttar Pradesh, India, issued on 13.02.2021.
9. Inspection certificate 3.1 No 21039326 to products Longitudinal Welded Tubes, issued by company Padana Tubi & Profilati Acciaio s.p.a., Via Portamurata 8/A, 42016 Guastalla, Italy, issued on 05.05.2021.
10. Test report to the order No 220721, product sheets Zn CU-TI, issued by VWZINC, Rue JJ Rousseau, 59950 AUBY, France, issued on 18.08.2021.
11. Certificate of the product No 7 – 3484 to products zinc-titanium sheets and strips marked D-Zn (No 2.2203) according to DIN 17 770 produced in thicknesses from 0.50 to 1.00 mm, issued by The Technical and the Test Institute for Construction Prague, soe, The Ostrava Branch, U Studia 14, 700 30 Ostrava 3 – Zábřeh, Czech republic, issued on 12.04.1999.
12. Safety data sheet to the product zinc Z1 SHG, product number 48875, issued by company Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG), Technische Schoolstraat 43 A, 2440 Geel, Belgium, issued on 05.03.2010, date of revision 28.04.2016.

Conclusion :

The submitted documentation shows that the evaluated product – IPS KalyxX Active (variant 1:AISI304 + Al; Variant 2: CuZn + TiZn), was evaluated as suitable for direct contact with drinking water, and therefore it is not necessary to apply the requirements of *Decree of the Ministry of Health of the Slovak Republic No 550/2007 Coll. on details of requirements for products intended to come into contact with drinking water.*

It follows from the above and the submitted documentation that **the product – IPS KalyxX Active (variant 1:AISI304 + Al; Variant 2: CuZn + TiZn) meets the requirements of § 18 of Act No 355/2007 Coll. on Protection, Support and Development of Public Health and on Amendments and Supplements to Certain Acts and it is suitable for direct contact with drinking water – physical treatment of drinking water (preventing the formation of scale and corrosion at the point of consumption).**



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