

RAPORT DE INCERCARE
Nr. 852LIFC08062023 Data: 08.06.2023

General data / Date Generale

Client/Beneficiar: **SC AQUATOR TRANSILVANIA SRL**
Client address / Adresa client: **Loc.Floresti, str.Somesului, nr.1C, jud.Cluj**
Request no./ Nr.Comanda: **896**
Sample delivery:/Livrarea probei: **PV PP 172/8.05.2023**

Measurement data/ Valori masurate:

Sample identification Identificare proba	Filtru Aquator Family Duplex			
Sample specification/ Specificatie proba	Sample code:/Cod proba: 852LIFC-1 Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati			
	Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023			
Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits:/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Filtru Aquator Family Duplex 1 – Migrare elemente Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 24 h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.23	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.01	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.01	5	
Fe (Fier)	mg/kg	0.02	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	

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Cod: F03-PO-IFC Rev.3

Sample identification Identificare proba	Filtru Aquator Family Duplex			
Sample specification/ Specificatie proba	<i>Sample code:/Cod proba: 852LIFC-1</i> <i>Sample packing/ Ambalaj proba: Cutie carton</i> <i>Sample details:/ Detalii proba: Filtru Aquator Family Duplex</i> <i>Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii</i> <i>Sample size/ Marime proba: 5 bucati</i>			
	<i>Sample registration date/ Data inregistrarii probei: 08.05.2023</i> <i>Analysis date: / Data analiza: 15.05-07.06.2023</i> <i>Reporting date:/Data raportarii: 08.06.2023</i>			
Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits:/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Filtru Aquator Family Duplex 1 – Migrare elemente				
Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 24 h, temperatura de lucru = 22°C				
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.05	10	SR EN 1186-1:2003 PO-109

Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Sample identification/Identificare proba <i>Filtru Aquator Family Duplex</i>				
Sample specification/Specificatie proba Sample code:/Cod proba: 852LIFC-2 Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati				
Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023				
Filtru Aquator Family Duplex 2 – Migrare elemente Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 48 h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.15	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.05	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.01	5	
Fe (Fier)	mg/kg	0.01	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.53	10	SR EN 1186-1:2003 PO-109

Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Sample identification Identificare proba Filtru Aquator Family Duplex				
Sample specification/ Specificatie proba Sample code:/Cod proba: 852LIFC-3 Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati				
Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023				
Filtru Aquator Family Duplex 3 – Migrare elemente Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 72 h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.26	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.05	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.02	5	
Fe (Fier)	mg/kg	0.01	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.10	10	SR EN 1186-1:2003 PO-109

Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Sample identification Identificare proba Filtru Aquator Family Duplex				
Sample specification/ Specificatie proba Sample code:/Cod proba: 852LIFC-4 Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati				
Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023				
Filtru Aquator Family Duplex 4 – Migrare elemente Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 96 h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.26	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.05	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.02	5	
Fe (Fier)	mg/kg	0.01	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.04	10	SR EN 1186-1:2003 PO-109

Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Sample identification/Identificare proba <i>Filtru Aquator Family Duplex</i>				
Sample specification/Specificatie proba Sample code:/Cod proba: 852LIFC-5 Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023				
Filtru Aquator Family Duplex 5 – Migrare elemente Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 120 h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.21	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.12	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.02	5	
Fe (Fier)	mg/kg	0.01	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.52	10	SR EN 1186-1:2003 PO-109

Parameter Indicator	Meas.unit Unit.masura	Determined Values Valori determinate	Legislation max.limits/Limite maxime conf. Reg.EU 10/2011 actualizat in 23.09.2020 "Privind materialele și obiectele din plastic destinate să vină în contact cu produsele alimentare"	Testing methods/Guide/SOP Metode de incercare/Ghid/PO
Sample identification Identificare proba <i>Filtru Aquator Family Duplex – Rezultate medii</i>				
Sample specification/ Specificatie proba Sample code:/Cod proba: 852LIFC Sample packing/ Ambalaj proba: Cutie carton Sample details:/ Detalii proba: Filtru Aquator Family Duplex Sample recognized as/ Proba recunoscuta ca: Sistem filtrare ce include cartus, carcasa si accesorii Sample size/ Marime proba: 5 bucati				
Sample registration date/ Data inregistrarii probei: 08.05.2023 Analysis date: / Data analiza: 15.05-07.06.2023 Reporting date:/Data raportarii: 08.06.2023				
Filtru Aquator Family Duplex – Migrare elemente Rezultate medii Detalii migrare: Volum total apa tip II =1.9L, timp contact cu materialele = 24-120h, temperatura de lucru = 22°C				
Ag (Argint)	mg/kg	<0.01	N/A	in-house PO-109
Al (Aluminiu)	mg/kg	0.22	1	
As (Arsen)	mg/kg	<0.01	Nedetectabil	
Ba (Bariu)	mg/kg	0.05	1	
Be (Beriliu)	mg/kg	<0.01	N/A	
Cd (Cadmiu)	mg/kg	<0.01	Nedetectabil (LOD 0.002)	
Co (Cobalt)	mg/kg	<0.01	0.05	
Cr (Crom)	mg/kg	<0.01	Nedetectabil	
Cu (Cupru)	mg/kg	0.02	5	
Fe (Fier)	mg/kg	0.01	48	
Hg (Mercur)	mg/kg	<0.01	Nedetectabil	
Mn (Mangan)	mg/kg	<0.01	0.6	
Mo (Molibden)	mg/kg	<0.01	N/A	
Ni (Nichel)	mg/kg	<0.01	0.02	
Pb (Plumb)	mg/kg	<0.01	Nedetectabil	
Sb (Stibiu)	mg/kg	<0.01	0.04	
Se (Seleniu)	mg/kg	0.01	N/A	
Sn (Staniu)	mg/kg	<0.01	N/A	
Tl (Taliu)	mg/kg	<0.01	N/A	
V (Vanadiu)	mg/kg	<0.01	N/A	
Zn (Zinc)	mg/kg	<0.01	5	
Migrare globala	mg/dm ²	2.25	10	SR EN 1186-1:2003 PO-109

FILTRU AQUATOR FAMILY DUPLEX



Cod produs: **FAFD**

Denumire produs: **Filtru Aquator FAMILY Duplex**

Dimensiuni: lățime 234mm, înălțime 323mm, adâncime: 107 mm

Componente:

- RB6080004 – Carcasă Family Duplex 10" ¼" ATL
- INCC – Inel compensare carcasă
- MV149 – Garnitură MV149 Family
- BFAMMAX – Bucșă Family/Maxi
- C60R – Cartuș D.60 Family Rez
- RB5015114 – Cartuș lavabil RL10SX 50mic. ATL

BFAMMAX – Bucșă Family/Maxi



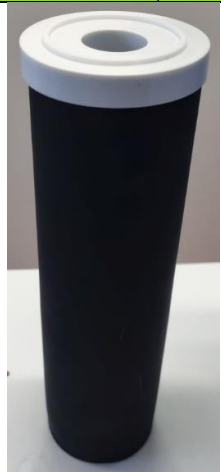
Dimensiuni:

- Diametru max.: 40 mm, H: 20mm

Material:

- **SEBS (TPE)**

C70R – Cartuș D.70 Maxi Rez



Corp cartuș



Corp cartuș filtrare format din Malaxat prin sinterizare

Dimensiuni:

- D.: 70mm, H: 230mm

Materiale:

- **Polietilenă ultra înaltă densitate**
- **Cărbune activ**
- **Oxid de Argint**

CMAX – Capac Rez Maxi



Dimensiuni:

- D. 72 mm, H: 28 mm

Material

- **Polipropilenă**

Analysis details / Detalii analiza

Sampling report/Raport prelevare:	Proba prelevata de catre client
Comments:/Comentarii:	-
Appendix:/Anexe:	
Remarks:/Observatii:	Indicatorul marcat "*" nu este supus acreditarii RENAR
	Indicatorul marcat "***" este realizat la furnizori externi
	Laboratorul nu isi asuma responsabilitatea pentru integritatea probelor prelevate si esantionate de catre client. Rezultatele din acest raport se refera doar la probele analizate.

Autorizat de:
Sef laborator /
Loctiitor Sef laborator

Nume si prenume

Niculae Andrei

Semnatura



Data: 08.06.2023

Datele dumneavoastra personale sunt prelucrate de TÜV AUSTRIA Romania in scopul prestarii serviciilor solicitate. Puteti consulta Politica Privind Confidențialitatea și Securitatea Datelor Personale, disponibila pe site-ul www.tuv-austria.ro.
<https://www.tuv-austria.ro/compania/politica/>

