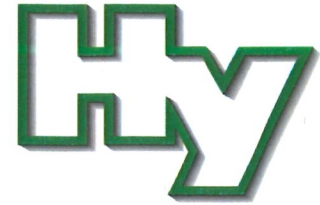


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Umweltmedizin

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

DEHOUST GmbH
Gutenbergstr. 5-7
69181 Leimen
GERMANY

Visitor's/Parcel Address:
Rotthäuser Str. 21
45879 Gelsenkirchen

Telephone + 49 (0) 209 9242-0
Extension + 49 (0) 209 9242-210
Telefax + 49 (0) 209 9242-212
E-Mail a.koch@hyg.de
Internet www.hyg.de

Reference-No.: K-319218-19-Ä-Ko/st
Contact person: Dr. Andreas Koch
Translation: K-318985-19-Ä-Ko

Gelsenkirchen, 09.10.2019

TEST CERTIFICATE

according to the KSW-Recommendation by the Federal Health Authorities
to the aptitude test for plastic materials in swimming and bathing water area
(issue date 1989-10)

Product: program for reservoirs type AQF 570 until 1000; RD/AQF 1050 until 2000;
PE storage tanks 1000 until 4000, uncoloured, black, blue, grey and natural

Test specimen: tanks segments for reservoir program, blue and natural
dimensions: 200x200x4 mm, 150x150x4 mm, 100x100x4 mm,
200x80x4 mm, 200x60x4 mm (manufacturer's information)

Test result:

The above-mentioned test specimens meet the requirements of the KSW-Recommendation according to the test report-no.: **K-318984-19-Ä-Ko and K-318965-19-Ko (colourfastness) dated 30.09.2019.**

This test certificate is valid beginning with date of issue and ending by **30.09.2024**, as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

This test certificate is only valid in combination with a test certificate according to the DVGW Work Sheet W 270.

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product are completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.

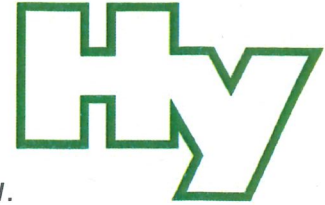
Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt-ID: DE125018356
Vorstand: Prof. Dr. Jürgen Kretschmann (Vors.), Dr. Emanuel Grün, Dr. Dirk Waider, Joachim Löchte, Prof. Dr. Lothar Dunemann (geschäftsf. Vorstand)

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

DEHOUST GmbH
Mr Mike Weber
Gutenbergstraße 5 – 7
69181 Leimen
GERMANY

Visitor's/Parcel Address:
Rotthauer Str. 21
45879 Gelsenkirchen

Telephone +49 (209) 9242-0
Extension +49 (209) 9242-182
Telefax +49 (209) 9242-212
E-Mail n.krueger@hyg.de
Internet www.hyg.de

Reference-No.: K-362297-22-Kr/st
Contact person: Dr. Nicole Krüger
Translation of: K-332297-22-Kr/st

Gelsenkirchen, 28.07.2022

Hygienic drinking water test according to the specifications of DIN EN 12873-1:2014-09 and DIN EN 1420:2016-05

Order dated 16-March-2022

Dear Mr Weber,

the given product "program for reservoirs type AQF 570 until 1000; RD/AQF 1050 until 2000; Trio/TrioSafe 750 until 1500 and PE storage tanks 750 until 4000" (blue coloured) comes into contact with drinking water as intended. A test according to the above-mentioned standards was supposed to provide information on whether the requirements of the KTW evaluation criteria, Annex A "Plastics" (status 2021-03) are fulfilled. The determination of the enhancement of microbiological growth according to DIN EN 16421 (status 2015-05) was not part of this investigation.

The formulation test of the above-mentioned product was carried out in accordance with the specifications of chapter 5.2 of the KTW evaluation criteria.

Assessment:

The test specimen meet the physical/chemical requirements of the KTW evaluation criteria for the category **Containers and tanks (P1) in drinking water installations, including repair systems** in cold water contact and warm water contact (23 °C and 60 °C).

The requirements for the formulation are met.

This letter does not constitute certification in the sense of the Federal Environment Agency's recommendation for the confirmation of conformity of products suitable for drinking water hygiene. The test results and assessments refer exclusively to the test object.

With kind regards

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Nicole Krüger
Head of Department for water
hygienic material testing

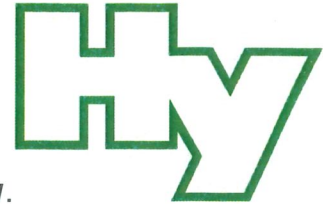
Attachment:
Test report

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

DEHOUST GmbH
Mr Mike Weber
Gutenbergstraße 5 – 7
69181 LEIMEN
GERMANY

LEIMEN

18. Mai 2022

Visitor's/Parcel Address:

Rotthauer Str. 21
45879 Gelsenkirchen

Telephone +49 (209) 9242-0
Extension +49 (209) 9242-182
Telefax +49 (209) 9242-212
E-Mail n.krueger@hyg.de
Internet www.hyg.de

Reference-No.: K-358146-22-Kr/Lk
Contact person: Dr. Nicole Krüger
Translation of: K-358144-22-Kr/Lk

Gelsenkirchen, 12.05.2022

Hygienic drinking water test according to the specifications of DIN EN 12873-1:2014-09 and DIN EN 1420:2016-05

Order dated 20-December-2021

Dear Mr Weber,

the given product „**program for reservoirs type AQF 570 until 1000; RD/AQF 1050 until 2000; Trio/TrioSafe 750 until 1500 and PE storage tanks 750 until 4000**” (coloured grey) comes into contact with drinking water as intended. A test according to the above-mentioned standards was supposed to provide information on whether the requirements of the KTW evaluation criteria, Annex A “Plastics” (status 2021-03) are fulfilled. The determination of the enhancement of microbiological growth according to DIN EN 16421 (status 2015-05) was not part of this investigation.

The formulation test of the above-mentioned product was carried out in accordance with the specifications of chapter 5.2 of the KTW evaluation criteria.

Assessment:

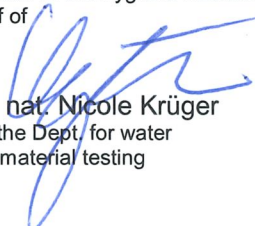
The test specimen meet the physical/chemical requirements of the KTW evaluation criteria for the category **Containers and tanks (P1) in drinking water installations, including repair systems** in cold water contact and warm water contact (23 °C and 60 °C).

The requirements for the formulation are met.

This letter does not constitute certification in the sense of the Federal Environment Agency's recommendation for the confirmation of conformity of products suitable for drinking water hygiene. The test results and assessments refer exclusively to the test object.

With kind regards

The Director of the Hygiene-Institute
on behalf of


Dr. rer. nat. Nicole Krüger
Head of the Dept. for water
hygienic material testing

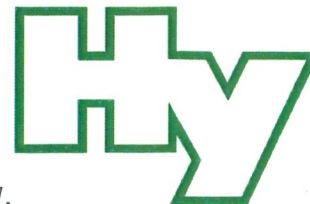
Attachment:
Test report

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

DEHOUST GmbH
Mr Mike Weber
Gutenbergstraße 5 – 7
69181 Leimen
GERMANY

LEIMEN

09. Aug. 2022

Visitor's/Parcel Address:
Rotthauer Str. 21
45879 Gelsenkirchen

Telephone +49 (209) 9242-0
Extension +49 (209) 9242-182
Telefax +49 (209) 9242-212
E-Mail n.krueger@hyg.de
Internet www.hyg.de

Reference-No.: K-362672-22-Kr/Lk
Contact person: Dr. Nicole Krüger
Translation of: K-362149-22-Kr/Lk

Gelsenkirchen, 03.08.2022

Hygienic drinking water test according to the specifications of DIN EN 12873-1:2014-09 and DIN EN 1420:2016-05

Order dated 06-May-2022

Dear Mr Weber,

the given product "**program for reservoirs type AQF 570 until 1000; RD/AQF 1050 until 2000; Trio/TrioSafe 750 until 1500 and PE storage tanks 750 until 4000**" (black coloured) comes into contact with drinking water as intended. A test according to the above-mentioned standards was supposed to provide information on whether the requirements of the KTW evaluation criteria, Annex A "Plastics" (status 2021-03) are fulfilled. The determination of the enhancement of microbiological growth according to DIN EN 16421 (status 2015-05) was not part of this investigation.

The formulation test of the above-mentioned product was carried out in accordance with the specifications of chapter 5.2 of the KTW evaluation criteria.

Assessment:

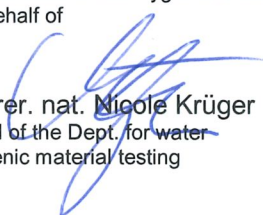
The test specimen meet the physical/chemical requirements of the KTW evaluation criteria for the category **Containers and tanks (P1) in drinking water installations, including repair systems** in cold water and warm water contact (23 °C and 60 °C).

The requirements for the formulation are met.

This letter does not constitute certification in the sense of the Federal Environment Agency's recommendation for the confirmation of conformity of products suitable for drinking water hygiene. The test results and assessments refer exclusively to the test object.

With kind regards

The Director of the Hygiene-Institute
on behalf of


Dr. rer. nat. Nicole Krüger
Head of the Dept. for water
hygienic material testing

Attachment:

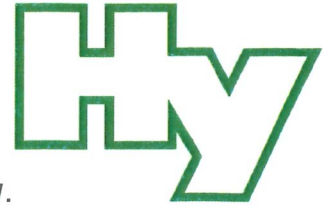
Test report

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



Hygiene-Institut · Postfach 10 12 55 · 45812 Gelsenkirchen / GERMANY

DEHOUST GmbH
Mr Mike Weber
Gutenbergstraße 5 – 7
69181 LEIMEN
GERMANY

LEIMEN

18. Mai 2022

Visitor's/Parcel Address:
Rotthäuser Str. 21
45879 Gelsenkirchen

Telephone +49 (209) 9242-0
Extension +49 (209) 9242-182
Telefax +49 (209) 9242-212
E-Mail n.krueger@hyg.de
Internet www.hyg.de

Reference-No.: K-358116-22-Kr/Lk
Contact person: Dr. Nicole Krüger
Translation of: K-358115-22-Kr/Lk

Gelsenkirchen, 12.05.2022

Hygienic drinking water test according to the specifications of DIN EN 12873-1:2014-09 and DIN EN 1420:2016-05

Order dated 20-December-2021

Dear Mr Weber,

the given product „**program for reservoirs type AQF 570 until 1000; RD/AQF 1050 until 2000; Trio/TrioSafe 750 until 1500 and PE storage tanks 750 until 4000**” (uncoloured natural) comes into contact with drinking water as intended. A test according to the above-mentioned standards was supposed to provide information on whether the requirements of the KTW evaluation criteria, Annex A “Plastics” (status 2021-03) are fulfilled. The determination of the enhancement of microbiological growth according to DIN EN 16421 (status 2015-05) was not part of this investigation.

The formulation test of the above-mentioned product was carried out in accordance with the specifications of chapter 5.2 of the KTW evaluation criteria.

Assessment:

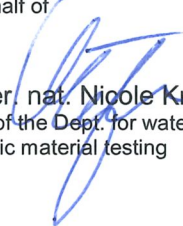
The test specimen meet the physical/chemical requirements of the KTW evaluation criteria for the category **Containers and tanks (P1) in drinking water installations, including repair systems** in cold water contact and warm water contact (23 °C and 60 °C).

The requirements for the formulation are met.

This letter does not constitute certification in the sense of the Federal Environment Agency's recommendation for the confirmation of conformity of products suitable for drinking water hygiene. The test results and assessments refer exclusively to the test object.

With kind regards

The Director of the Hygiene-Institute
on behalf of


Dr. rer. nat. Nicole Krüger
Head of the Dept. for water
hygienic material testing

Attachment:
Test report