

Bratislava, 25.11.2024

Letter no. RD-3425/2024

Subject: Interlaboratory comparison study

Dear ladies and gentlemen,

The Water Research Institute offers to participate in PFAS interlaboratory comparison study supported by the Interreg Danube Region Programme through the Tethys project and will be organized free of charge for participants.

In the first round it is possible to participate in two comparative items "PFAS" and "Pharmaceuticals". The following form contains the description of the samples.

PFAS

2 bottles with surface water will be distributed together with solution of standards in methanol for preparation of the real fortified sample. Concentration of PFAS will be approximately 10 ng/L of each substance/compound.

List of substances:

analyte	CAS
Perfluorobutanoic acid (PFBA)	375-22-4
Perfluoropentanoic acid (PFPA, PFPeA)	2706-90-3
Perfluorohexanoic acid (PFHxA)	307-24-4
Perfluoroheptanoic acid (PFHpA)	375-85-9
Perfluorooctanoic acid (PFOA)	335-67-1
Perfluorononanoic acid (PFNA)	375-95-1
Perfluorodecanoic acid (PFDA)	335-76-2
Perfluoroundecanoic acid (PFUnA, PFUnDA)	2058-94-8
Perfluorododecanoic acid (PFDoA, PFDoDA)	307-55-1
Perfluorotridecanoic acid (PFTrDA)	72629-94-8
Perfluorobutane sulfonic acid (PFBS)	375-73-5
Perfluoropentane sulfonic acid (PFPS, PFPeS)	2706-91-4
Perfluorohexane sulfonic acid (PFHxS)	355-46-4

Perfluoroheptane sulfonic acid (PFHpS)	375-92-8
Perfluorooctane sulfonic acid (PFOS)	1763-23-1
Perfluorononane sulfonic acid (PFNS)	68259-12-1
Perfluorodecane sulfonic acid (PFDS)	335-77-3
Perfluoroundecane sulfonic acid (PFUnS, PFUnDS)	749786-16-1
Perfluorododecane sulfonic acid (PFDoS)	79780-39-5
Perfluorotridecane sulfonic acid (PFTrDS)	174675-49-1
Perfluoro-n-tetradecanoic acid (PFTeDA)	376-06-7
Perfluoro-n-hexadecanoic acid (PFHxDA)	67905-19-5
Perfluoro-n-octadecanoic acid (PFODA)	16517-11-6
2-Perfluorohexyl ethanol(6:2) (6:2 FTOH)	647-42-7
2-Perfluorooctyl ethanol(8:2) (8:2 FTOH)	678-39-7
Ammonium perfluoro (2-methyl-3-oxahexanoate) (HFPO-DA or Gen X)	62037-80-3
Propanoic Acid / Ammonium 2,2,3-trifluoro-3-(1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy)propanoate (ADONA)	95445-44-8

Pharmaceuticals

2 bottles with surface water will be distributed together with solution of standards in methanol for preparation of the real fortified sample.

List of substances:

analyte	CAS
Diclofenac	15307-86-5/ 15307-79-6
Carbamazepine	298-46-4

The distribution of samples will be in February 2025.

Closing date to provide results will be 4 weeks.

Closing date for registration to this interlaboratory comparison study will be 10.1.2025.

In case of uncertainty, please contact us by to e-mail PT coordinator:

angelika.kassai@vuvh.sk

Thank you very much for your cooperation!

Ing. Michal Kirchner, PhD.
 Head of division
 Slovak National Water Reference Laboratory

Registration Form

Organization:

Department:

Street Address:

Town/City:

Post/Zip code:

Country:

Contact person:

Email:

Indicate in witch group of substances Your laboratory will participated.

Please mark your choice - tick this boxes:

- The laboratory will analyse PFAS
- The the laboratory will analyse Pharmaceuticals
- The laboratory will analyse PFAS and Pharmaceuticals

Date: