PFAS – Analysis Arium® CellPlus Ultrafilter

Sample	Detection threshold	Detected Concentration	Unit	Method
PFBA	50	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFPeA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFHxA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFHpA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFNA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFUnDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFDoDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFTrDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFTeDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFHxDA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFBS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFPeS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFHxS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFHpS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFNS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFDS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFUnDS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFDoDS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
PFTrDS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
4:2 FTS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
6:2 FTS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
8:2 FTS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
10:2 FTS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
N-MeFOSAA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, A]
N-EtFOSAA	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, PV]
8:2diPAP	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, PV]
PFECHS	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1, PV]

Execution and Analysis Procedure
The water analysis was executed by TÜV Rheinland Energy & Enviroment GmbH, an internationally recognized testing laboratory for special analytics, based on following measurement method: MS-0047387 Rev. 0, in accordance with DIN 38407-42, 2011-03. Relative expanded measurement uncertainty (k=2): 50 %.
[A] = The method has been accredited.
[PV] = The method has been partially validated.
The tests were performed with the Arium® CellPlus Ultrafilter attached to an Arium® Mini Essential, fed with tap water. The CellPlus Ultrafilter was flushed with 20 liters of ultrapure water before the sample was collected.

Sample	Detection threshold	Detected Concentration	Unit	Method
PFOA (lin)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]
PFOA (br)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]
PFOA (sum)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]
PFOS (lin)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]
PFOS (br)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]
PFOS (sum)	0.5	Under detection threshold	ng/L (ppt)	MS-0047387 [1,A]

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