PFAS – Analysis Arium® Comfort I

Sample	Detection threshold	Detected Concentration	Unit	Method
PFBA	5	Under detection threshold	ng/l (ppt)	MS-0047387
PFPeA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFHxA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFHpA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFOA total	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFNA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFUnDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFDoDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFTrDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFTeDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFHxDA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFBS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFPeS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFHxS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFHpS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFOS total	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFNS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFDS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFUnDS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFDoDS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFTrDS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
4:2 FTS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
6:2 FTS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
8:2 FTS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
10:2 FTS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
N-MeFOSAA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
N-EtFOSAA	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
8:2diPAP	0.5	Under detection threshold	ng/l (ppt)	MS-0047387
PFECHS	0.5	Under detection threshold	ng/l (ppt)	MS-0047387

Execution and Analysis Procedure

The water analysis was executed by TÜV Rheinland Energy 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® Mini Plus Extend, without final filter, fed with tap water.

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