

# Errata – Analysis of PFASs and TOF in products

7TH August 2017

Errors in Tables 5–8. Descriptions below.

## Chapter 4.1.1 Analysis of PFCAs and PFSAs

Page 13 Table 5 there is a row headline missing between sample 5–6:

**Table 5: Concentrations of PFCAs and PFSAs in products collected in 2016**

Sample ID	Article	Concentration (µg/m <sup>2</sup> )							
		PFBA	PFHxA	PFOA	PFNA	PFDA	PFBS	PFHxS	PFOS
1	Cupcake forms	0.05	< LOD	0.03	< LOD	< LOD	< LOD	< LOD	< LOD
2	Microwave popcorn bag	0.34	0.15	0.19	< LOD	< LOD	< LOD	< LOD	0.14
3	Microwave popcorn bag	0.35	< LOD	0.19	< LOD	< LOD	< LOD	< LOD	< LOD
4	Microwave popcorn bag	0.21	0.06	0.20	< LOD	0.14	< LOD	< LOD	< LOD
5	Microwave popcorn bag	0.43	0.65	0.13	< LOD	< LOD	< LOD	< LOD	< LOD
Sample ID	Article	Concentration (µg/L)							
		PFBA	PFHxA	PFOA	PFNA	PFDA	PFBS	PFHxS	PFOS
6	Rinse Aid	< LOD	< LOD	0.75	< LOD	< LOD	< LOD	< LOD	< LOD
7	Rinse Aid	< LOD	< LOD	0.75	< LOD	0.47	< LOD	< LOD	< LOD
8	Waterproofing shoe treatment	< LOD	< LOD	0.53	< LOD	< LOD	< LOD	< LOD	< LOD
9	Waterproofing shoe treatment	0.33	2.5	0.23	< LOD	< LOD	< LOD	< LOD	< LOD
10	Waterproofing textile treatment	0.80	3.6	1.4	< LOD	0.45	< LOD	< LOD	< LOD
11	Waterproofing textile treatment	0.78	2.3	0.48	< LOD	< LOD	< LOD	< LOD	< LOD
12	Waterproofing textile/leather treatment	< LOD	< LOD	0.49	< LOD	< LOD	< LOD	< LOD	< LOD
13	Shoe wax	< LOD	4.7	0.53	< LOD	< LOD	< LOD	< LOD	< LOD
14	Floor polish	0.47	5.3	0.59	< LOD	< LOD	< LOD	< LOD	< LOD
15	Furniture polish	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
16	Car wax	< LOD	0.54	1.4	< LOD	< LOD	< LOD	< LOD	< LOD
17	Car wax	< LOD	< LOD	2.8	< LOD	< LOD	< LOD	< LOD	< LOD

## Chapter 4.1.2 Analysis of FTOHs and FTAs

Page 14 Table 6 there is a row headline missing between sample 5–6:

**Table 6: Concentrations of FTOHs and FTAs in articles collected in 2016**

Sample ID	Article	Concentration ( $\mu\text{g}/\text{m}^2$ )						
		4:2 FTOH	6:2 FTOH	8:2 FTOH	10:2 FTOH	6:2 FTA	8:2 FTA	10:2 FTA
1	Cupcake forms	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
2	Microwave popcorn bag	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
3	Microwave popcorn bag	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
4	Microwave popcorn bag	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
5	Microwave popcorn bag	< LOD	26.6	< LOD	< LOD	< LOD	< LOD	< LOD
Sample ID	Article	Concentration ( $\mu\text{g}/\text{l}$ or $\mu\text{g}/\text{kg}$ )						
		4:2 FTOH	6:2 FTOH	8:2 FTOH	10:2 FTOH	6:2 FTA	8:2 FTA	10:2 FTA
6	Rinse Aid	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
7	Rinse Aid	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
8	Waterproofing shoe treatment	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
9	Waterproofing shoe treatment	< LOD	120,300	< LOD	< LOD	< LOD	< LOD	< LOD
10	Waterproofing textile treatment	< LOD	43,070	< LOD	< LOD	< LOD	< LOD	< LOD
11	Waterproofing textile treatment	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
12	Waterproofing textile/leather treatment	< LOD	12,340	< LOD	< LOD	< LOD	< LOD	< LOD
13	Shoe wax	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
14	Floor polish	< LOD	1,834	< LOD	< LOD	< LOD	< LOD	< LOD
15	Furniture polish	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
16	Car wax	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD
17	Car wax	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD	< LOD

## Chapter 4.1.4 TOF analysis and comparison to the targeted PFASs analysis

Page 15 Table 7 there is a row headline missing between sample 5–6:

**Table 7: Sum of concentrations of all detected PFAS in products collected 2016, the total organic fluorine (TOF) content of the samples and a quantitative comparison between these**

Sample ID	Product	Concentration ( $\mu\text{g}/\text{m}^2$ )		
		$\Sigma\text{PFAS (detected)}$	TOF	$\Sigma\text{PFAS}/\text{TOF (\%)}$
1	Cupcake forms	0.08	470	0.02
2	Microwave popcorn bag	0.81	93,000	0.001
3	Microwave popcorn bag	0.54	83,000	0.001
4	Microwave popcorn bag	0.62	91,650	0.001
5	Microwave popcorn bag	27.8	52,750	0.05

  

Sample ID	Article	Concentration ( $\mu\text{g}/\text{L}$ )		
		$\Sigma\text{PFAS (detected)}$	TOF	$\Sigma\text{PFAS}/\text{TOF (\%)}$
6	Rinse Aid	0.75	< 1,000	> 0.08
7	Rinse Aid	1.2	2,000	0.06
8	Waterproofing shoe treatment	0.53	N.A.	-
9	Waterproofing shoe treatment	120,303	N.A.	-
10	Waterproofing textile treatment	43,076	N.A.	-
11	Waterproofing textile treatment	3.6	< 1,000	> 0.36
12	Waterproofing textile/leather treatment	12,341	N.A.	-
13	Shoe wax	5.2	N.A.	-
14	Floor polish	1,840	18,500	10.0
15	Furniture polish	0	< 1,000	-
16	Car wax	2.0	N.A.	-
17	Car wax	2.8	N.A.	-

## Chapter 4.2.2 TOF analysis and comparison with targeted analysis

Pages 16-17 Table 8 there is a row headline missing between:

- sample 7b-8
- sample 15-16
- sample 21-22

**Table 8: Sum of concentrations of all detected PFAS in products collected 2014, the total organic fluorine (TOF) content of the samples and a quantitative comparison between these**

Sample ID	Product	Concentration ( $\mu\text{g}/\text{m}^2$ )		
		$\Sigma$ PFAS (detected)	TOF	$\Sigma$ PFAS/TOF (%)
1	Table cloth 1	10.9	246,000	0.005
2	Table cloth 2	512	933,500	0.06
3	Baking paper 1	4.9	65	8.2
4	Baking paper 2	5.2	50	11.3
5	Sandwich paper	10.3	25,400	0.04
6	Cupcake forms	3.2	330	1.1
7a	Popcorn paper 1	4.5	91,100	0.005
7b	Popcorn paper 2	91.7	578	15.9

  

Sample ID	Product	Concentration ( $\mu\text{g}/\text{L}$ )		
		$\Sigma$ PFAS (detected)	TOF	$\Sigma$ PFAS/TOF (%)
8	Car polish 1	3.8	3,000	0.14
9	Car polish 2	3.6	8,000	0.05
10	Rinse aid 1 <sup>1</sup>	11.4	14,500	0.08
11	Rinse aid 2 <sup>2</sup>	2.6	< 1,000	0.3
12	Waterproofing product, shoes 1	1.3	N.A.	-
13	Waterproofing product, shoes 2	45.5	N.A.	-
14A/B	Waterproofing product, textiles 1	0.66	< 1,000	0.10
15	Waterproofing product, textiles 2	261	N.A.	-

  

Sample ID	Article	Concentration ( $\mu\text{g}/\text{kg}$ )		
		$\Sigma$ PFAS (detected)	TOF	$\Sigma$ PFAS/TOF (%)
16	Glider for skis 1	157	N.A.	-
17	Glider for skis 1	1.2	N.A.	-
18	Ski wax	9.9	N.A.	-
19	Lubricant for bicycles	59.0	N.A.	-
20	Dental floss 1	3.0	310,000,000	0.000001
21	Dental floss 2	19.5	310,000,000	0.000006

  

ID	Article	Concentration ( $\mu\text{g}/\text{m}^2$ )		
		$\Sigma$ PFAS (detected)	TOF	$\Sigma$ PFAS/TOF (%)
22	Non-stick silicon baking ware 1	73.8	N.A.	-
23	Non-stick baking ware 2 <sup>3</sup>	5.9	1,700,000	0.0004
24	Non-stick cupcake baking ware, 1	1.4	38,500	0.005
25	Non-stick silicon cupcake baking ware 2 <sup>4</sup>	83.4	2,820	3.0
26	Reusable baking liner 1	24.7	N.A.	-
27	Reusable baking liner 2	172	41,150	0.4

<sup>1</sup> Referred to as Dishwasher liquid 1 in Blom and Hanssen (2015).

<sup>2</sup> Referred to as Dishwasher liquid 2 in Blom and Hanssen (2015).

<sup>3</sup> Referred to as Non-stick baking ware, silicon 2, Patisse, in Blom and Hanssen (2015).

<sup>4</sup> Referred to as Non-stick baking ware, cupcakes 2, Patisse, in Blom and Hanssen (2015).