

**Table S1:** Abundance of microplastics in the examined samples of fruits and vegetables in terms of shape, color and size by purchase sites (mean  $\pm$  SD particles g<sup>-1</sup>)

		Product																							
		Pear				Tomato				Apple				Potatoes				Cucumber				Onion			
		M1	M2	F1	F2	M1	M2	F1	F2	M1	M2	F1	F2	M1	M2	F1	F2	M1	M2	F1	F2	M1	M2	F1	F2
Shape	Fragment	2.4 ± 1.7	2.4 ± 0.5	2.7 ± 1.0	1.3 ± 2.1	0.7 ± 0.3	2.9 ± 0.9	4.3 ± 0.8	0.8 ± 0.8	1.3 ± 1.6	1.6 ± 1.1	2.6 ± 1.5	2.4 ± 0.9	0.1 ± 0.2	0.4 ± 0.4	0.8 ± 0.5	1.7 ± 1.5	0.3 ± 0.2	2.2 ± 0.3	1.3 ± 1.0	3.6 ± 0.9	1.0 ± 0.0	2.3 ± 0.7	1.7 ± 1.1	0.5 ± 0.4
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
	Film	1.1 ± 1.5	0.5 ± 0.2	0.9 ± 0.6	0.6 ± 0.0	2.5 ± 1.6	0.7 ± 0.4	0.4 ± 0.2	1.0 ± 0.2	2.0 ± 0.9	0.6 ± 0.4	0.3 ± 0.3	0.6 ± 0.0	0.3 ± 0.3	0.5 ± 0.6	0.1 ± 0.1	1.2 ± 0.9	3.1 ± 2.8	1.9 ± 0.6	0.7 ± 0.3	0.9 ± 0.8	2.2 ± 2.2	0.4 ± 0.2	0.7 ± 0.5	1.0 ± 0.3
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
	Fibril	2.4 ± 1.7	2.4 ± 0.5	2.7 ± 1.0	1.3 ± 2.1	0.7 ± 0.3	2.9 ± 0.9	4.3 ± 0.8	0.8 ± 0.8	1.3 ± 1.6	1.6 ± 1.1	2.6 ± 1.5	2.4 ± 0.9	0.1 ± 0.2	0.4 ± 0.4	0.8 ± 0.5	1.7 ± 1.5	0.3 ± 0.2	2.2 ± 0.3	1.3 ± 1.0	3.6 ± 0.9	1.0 ± 0.0	2.3 ± 0.7	1.7 ± 1.1	0.5 ± 0.4
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
Colour	Red	0.1 ± 0.1	-	-	-	-	0.1 ± 0.1	-	0.4 ± 0.7	-	0.1 ± 0.1	-	-	-	0.1 ± 0.1	-	0.3 ± 0.2	0.1 ± 0.1	0.2 ± 0.2	-	1.1 ± 1.3	0.7 ± 0.8	-	0.1 ± 0.1	0.2 ± 0.2
		0.3 ± 0.6	0.1 ± 0.1	0.3 ± 0.3	-	0.8 ± 0.4	0.3 ± 0.1	0.3 ± 0.1	0.3 ± 0.2	0.3 ± 0.1	-	-	-	0.1 ± 0.1	-	0.1 ± 0.1	0.4 ± 0.5	0.4 ± 0.4	0.3 ± 0.3	-	0.2 ± 0.2	0.7 ± 0.6	-	-	0.1 ± 0.1
	Blue	-	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.1	0.1 ± 0.2	-	-	-	0.2 ± 0.3	-	0.1 ± 0.1	-	-	0.1 ± 0.2	0.7 ± 0.7	0.1 ± 0.2	0.1 ± 0.2	0.1 ± 0.1	0.3 ± 0.2	0.1 ± 0.1	0.4 ± 0.4	0.2 ± 0.2
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
	Green	0.5 ± 0.5	0.2 ± 0.2	0.2 ± 0.3	0.7 ± 1.3	0.3 ± 0.6	0.1 ± 0.1	1.7 ± 0.6	-	0.4 ± 0.2	0.4 ± 0.2	0.7 ± 1.0	0.3 ± 0.6	0.1 ± 0.2	0.3 ± 0.3	0.1 ± 0.1	1.5 ± 1.6	0.7 ± 0.6	0.1 ± 0.1	0.1 ± 0.1	1.0 ± 0.7	-	0.1 ± 0.2	0.3 ± 0.3	0.3 ± 0.1
		0.3 ± 0.3	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 1.2	1.1 ± 0.8	0.1 ± 0.2	1.4 ± 1.1	0.7 ± 0.8	0.7 ± 0.9	0.2 ± 0.2	0.9 ± 0.7	1.8 ± 0.9	0.1 ± 0.1	0.3 ± 0.3	-	0.2 ± 0.2	0.4 ± 0.7	0.6 ± 0.3	0.3 ± 0.2	0.3 ± 0.2	0.8 ± 0.8	0.2 ± 0.3	0.1 ± 0.1	0.1 ± 0.1
	Yellow	2.4 ± 1.2	2.2 ± 0.5	2.6 ± 1.1	0.5 ± 0.1	0.7 ± 1.0	2.9 ± 0.8	1.4 ± 1.2	0.7 ± 0.3	1.9 ± 0.2	1.5 ± 1.0	0.9 ± 1.5	0.9 ± 0.6	-	0.3 ± 0.3	0.8 ± 0.5	0.7 ± 0.5	0.5 ± 0.8	2.8 ± 0.6	1.5 ± 0.7	0.9 ± 0.8	0.9 ± 0.5	2.3 ± 0.4	1.5 ± 1.3	0.9 ± 0.6
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
	White	0.5 ± 0.5	0.2 ± 0.2	0.2 ± 0.3	0.7 ± 1.3	0.3 ± 0.6	0.1 ± 0.1	1.7 ± 0.6	-	0.4 ± 0.2	0.4 ± 0.2	0.7 ± 1.0	0.3 ± 0.6	0.1 ± 0.2	0.3 ± 0.3	0.1 ± 0.1	1.5 ± 1.6	0.7 ± 0.6	0.1 ± 0.1	0.1 ± 0.1	1.0 ± 0.7	-	0.1 ± 0.2	0.3 ± 0.3	0.3 ± 0.1
		0.3 ± 0.3	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 1.2	1.1 ± 0.8	0.1 ± 0.2	1.4 ± 1.1	0.7 ± 0.8	0.7 ± 0.9	0.2 ± 0.2	0.9 ± 0.7	1.8 ± 0.9	0.1 ± 0.1	0.3 ± 0.3	-	0.2 ± 0.2	0.4 ± 0.7	0.6 ± 0.3	0.3 ± 0.2	0.3 ± 0.2	0.8 ± 0.8	0.2 ± 0.3	0.1 ± 0.1	0.1 ± 0.1
	Grey	2.4 ± 1.2	2.2 ± 0.5	2.6 ± 1.1	0.5 ± 0.1	0.7 ± 1.0	2.9 ± 0.8	1.4 ± 1.2	0.7 ± 0.3	1.9 ± 0.2	1.5 ± 1.0	0.9 ± 1.5	0.9 ± 0.6	-	0.3 ± 0.3	0.8 ± 0.5	0.7 ± 0.5	0.5 ± 0.8	2.8 ± 0.6	1.5 ± 0.7	0.9 ± 0.8	0.9 ± 0.5	2.3 ± 0.4	1.5 ± 1.3	0.9 ± 0.6
		0.1 ± 0.1	0.1 ± 0.1	-	0.3 ± 0.3	0.2 ± 0.3	0.1 ± 0.1	0.2 ± 0.3	0.7 ± 0.4	0.2 ± 0.2	-	0.6 ± 1.0	-	-	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.5	0.2 ± 0.2	-	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3	0.1 ± 0.2	0.1 ± 0.1	0.2 ± 0.2
Black	0.5 ± 0.5	0.2 ± 0.2	0.2 ± 0.3	0.7 ± 1.3	0.3 ± 0.6	0.1 ± 0.1	1.7 ± 0.6	-	0.4 ± 0.2	0.4 ± 0.2	0.7 ± 1.0	0.3 ± 0.6	0.1 ± 0.2	0.3 ± 0.3	0.1 ± 0.1	1.5 ± 1.6	0.7 ± 0.6	0.1 ± 0.1	0.1 ± 0.1	1.0 ± 0.7	-	0.1 ± 0.2	0.3 ± 0.3	0.3 ± 0.1	
	0.3 ± 0.3	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 1.2	1.1 ± 0.8	0.1 ± 0.2	1.4 ± 1.1	0.7 ± 0.8	0.7 ± 0.9	0.2 ± 0.2	0.9 ± 0.7	1.8 ± 0.9	0.1 ± 0.1	0.3 ± 0.3	-	0.2 ± 0.2	0.4 ± 0.7	0.6 ± 0.3	0.3 ± 0.2	0.3 ± 0.2	0.8 ± 0.8	0.2 ± 0.3	0.1 ± 0.1	0.1 ± 0.1	
Size	0.1 μ - 1 mm	3.2 ± 0.8	2.9 ± 0.6	3.5 ± 0.6	2 ± 2.4	2.2 ± 1.5	3.3 ± 0.8	4.7 ± 0.9	1.7 ± 1.3	2.6 ± 0.7	1.9 ± 0.8	3.4 ± 2.2	2.7 ± 1.0	0.3 ± 0.4	1.0 ± 0.8	0.9 ± 0.7	2.5 ± 1.7	2.5 ± 3.3	3.7 ± 0.8	2.0 ± 1.1	4.3 ± 0.8	2.3 ± 1.2	2.6 ± 0.5	2.2 ± 1.4	1.5 ± 0.9
		0.5 ± 0.5	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.0	1.1 ± 0.6	0.5 ± 0.3	0.2 ± 0.2	0.8 ± 0.6	0.9 ± 0.2	0.3 ± 0.1	0.1 ± 0.2	0.3 ± 0.1	0.1 ± 0.1	-	0.1 ± 0.1	0.8 ± 0.4	1.0 ± 1.6	0.3 ± 0.1	0.1 ± 0.1	0.3 ± 0.1	1.1 ± 1.8	0.2 ± 0.2	0.3 ± 0.5	0.3 ± 0.1
	1 mm - 5 mm	3.2 ± 0.8	2.9 ± 0.6	3.5 ± 0.6	2 ± 2.4	2.2 ± 1.5	3.3 ± 0.8	4.7 ± 0.9	1.7 ± 1.3	2.6 ± 0.7	1.9 ± 0.8	3.4 ± 2.2	2.7 ± 1.0	0.3 ± 0.4	1.0 ± 0.8	0.9 ± 0.7	2.5 ± 1.7	2.5 ± 3.3	3.7 ± 0.8	2.0 ± 1.1	4.3 ± 0.8	2.3 ± 1.2	2.6 ± 0.5	2.2 ± 1.4	1.5 ± 0.9
		0.5 ± 0.5	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.0	1.1 ± 0.6	0.5 ± 0.3	0.2 ± 0.2	0.8 ± 0.6	0.9 ± 0.2	0.3 ± 0.1	0.1 ± 0.2	0.3 ± 0.1	0.1 ± 0.1	-	0.1 ± 0.1	0.8 ± 0.4	1.0 ± 1.6	0.3 ± 0.1	0.1 ± 0.1	0.3 ± 0.1	1.1 ± 1.8	0.2 ± 0.2	0.3 ± 0.5	0.3 ± 0.1
Total*		3.7 ± 0.6	3.0 ± 0.7	3.6 ± 0.5	2.2 ± 2.4	3.3 ± 2.1	3.7 ± 0.5	4.9 ± 0.8	2.5 ± 0.8	3.5 ± 0.7	2.2 ± 0.7	3.5 ± 2.2	3.0 ± 0.9	0.5 ± 0.5	1.0 ± 0.8	1.0 ± 0.7	3.3 ± 2.1	3.5 ± 3.3	4.1 ± 0.8	2.1 ± 1.1	4.6 ± 0.9	3.5 ± 2.3	2.8 ± 0.6	2.5 ± 1.7	1.7 ± 0.8
		0.6 ± 0.7	0.5 ± 0.5	0.6 ± 0.5	0.2 ± 2.4	2.1 ± 2.1	0.5 ± 0.5	0.8 ± 0.8	0.8 ± 0.8	0.7 ± 0.7	0.7 ± 0.7	2.2 ± 2.2	3.0 ± 0.9	0.5 ± 0.5	1.0 ± 0.8	1.0 ± 0.7	3.3 ± 2.1	3.5 ± 3.3	4.1 ± 0.8	2.1 ± 1.1	4.6 ± 0.9	3.5 ± 2.3	2.8 ± 0.6	2.5 ± 1.7	1.7 ± 0.8

\*Total values represent the same values for shape, color and size groups