S3 Table. Study characteristics.

Study	Year	Geographic location	Sample	N	MPs extraction procedure	MPs identification method	Reported outcome
Mason et al. [1]	2018	Brazil, China France, Germany, India, Indonesia, Italy, Lebanon, Mexico, UK, USA.	BW: table and natural mineral	N=259 bottles 11 brands: 9 brands 500–600 ml per bottle, 2 brands 0.75–2 L per bottle n=253 plastic bottles n=6 glass bottles	Their own procedure	FTIR (particles > 100 µm)	Mean MPs content per volume
Mintenig et al. [2]	2019	Germany	TW: Groundwater from wells	N=24 samples n=9 raw (8 m^3) n=15 drinking (32 m^3)	Mintenig et al. [3]	m-FTIR	Mean MPs content per volume and frequency of occurrence
Kankanige and Babel [4]	2020	Thailand	BW: Spring and tap	N=95 n=65 PET single use (still) n=30 glass (carbonated) (10 brands, total 43.23 L)	Maes et al. [5]	FTIR and RM	Mean MPs content per volume with SD
Oßmann et al. [6]	2018	Germany	BW: mineral	N=32 n=12 PET reusable n=10 PET single use n=9 glass reusable n=1 glass single use (21 brands, 0.5 – 1 L per bottle)	Oßmann et al. [7]	m-RM	Mean MPs content per volume with SD
Pivokonsky et al.[8]	2018	Czech Republic	TW: WTPs[a] from open reservoirs	N=36 (1 L per sample)	Anderson et al. [9], Leslie et al. [10] and Mintenig et al. [3]	m-FTIR for particles >10 µm m-RM for particles 1–10 µm	Mean MPs content per volume with SD

Schymanski et al. [11]	2018	Germany	BW: mineral	N=38 n=15 returnable plastic bottles n=11 single-use plastic bottles n=3 beverage cartons n=9 glass bottles (volume range 700-1500 ml)	their own method	m-RM	Mean MPs content per volume with SD
Shruti et al. [12]	2020	Mexico	TW:	N=42 (3 L x 3 *per site*)	Liebezeit and Liebezeit [13], Kosuth et al. [14], Schymanski et al. [11]	m-RM	Mean MPs content per volume with SD
Strand et al. [15]	2018	Denmark	TW	N=17 n=9 private households n=3 private workplace n=5 private or public institutions	Strand et al. [16]	m-FTIR	Frequency of occurrence
Tong et al. [17]	2020	China	TW	N=38 (2 L *per site*)	their own procedure	RM	Mean MPs content per volume with SD
Wiesheu et al. [18]	2016	Germany	BW: mineral	n=1 water (3 L)	their own procedure	m-RM	MPs content range per volume
Zhang et al. [19]	2020	China	TW	N=7 (4.5 L x 3 per site)	their own procedure	m-FTIR	Mean MPs content per volume with SD
Zuccarello et al. [20]	2019	Italy	BW: Mineral still and sparkling	N=10 (10 brands, 500 ml per bottle)	their own procedure	SEM-EDX	Mean MPs content per volume with SD

[a] Water treatment plants

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