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Supplemental Material

Metal/Metalloid Levels in Electronic Cigarette Liquids, Aerosols, and Human Biosamples: A Systematic Review

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Table S1. Metals/metalloids measured in e-liquid by each study (n=12).

Table S2. Metals/metalloids measured in aerosol by each study (n=12).

Figure S1. Mean metal/metalloid levels in e-liquid samples ($\mu\text{g}/\text{kg}$) used in e-cigarette devices. *The study by Song et al. (2018) measured chromium but did not report the levels. Other missing metal/metalloids in other studies were not measured. The unit of nicotine was mg/ml. Arsenic and cadmium were measured by Flora et al. (2016) but not showed in the Figure due to the high LOQ. NR: not reported.

Figure S2. Mean metal/metalloid levels in aerosol samples (ng/puff) collected from e-cigarette devices. *The study by Goniewicz et al. (2014) measured chromium and manganese levels and the study by Palazzolo et al. (2017) measured cadmium, manganese, and lead levels. Other missing metal/metalloids in other studies were not measured. The unit of nicotine was mg/ml. NR: not reported.

Additional File- Excel Document