

**Table S1.** Concentration and particle number of silver nanoparticle suspensions used with pneumatic and piezo-driven sample introduction.

	Pneumatic sample introduction		Piezo-driven sample introduction	
	ng/L	Particles per mL	µg/L	Particles per mL
100 nm	60	$1.1 \cdot 10^4$	3.82	$7 \cdot 10^5$
90 nm	60	$1.5 \cdot 10^4$	2.78	$7 \cdot 10^5$
80 nm	40	$1.4 \cdot 10^4$	1.96	$7 \cdot 10^5$
70 nm	40	$2.1 \cdot 10^4$	1.31	$7 \cdot 10^5$
60 nm	20	$1.7 \cdot 10^4$	0.8	$7 \cdot 10^5$
50 nm	20	$2.9 \cdot 10^4$	0.48	$7 \cdot 10^5$
30 nm	4	$2.7 \cdot 10^4$	0.1	$7 \cdot 10^5$
20 nm	1	$2.3 \cdot 10^4$	0.03	$7 \cdot 10^5$