

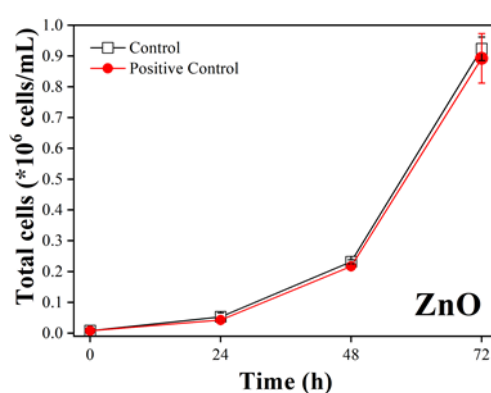
Influence of NOM on the Stability of Zinc Oxide Nanoparticles in Ecotoxicity Tests

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ZnO	Specific Growth Rate of Control Group					
	μ (24 h)	μ (48 h)	μ (72 h)	Avg.	Std.	C.V. (%)
w/o NOM	0.036	0.070	0.059	0.055	0.017	30.9
w NOM	0.080	0.062	0.058	0.067	0.012	17.9

Figure S1. Comparison of algae growth inhibition to ZnO depending on the natural organic matter (NOM).

Table S1. Zeta potential and pH changes of test medium with ZnO with/without natural organic matters (NOM).

	Zeta Potential		pH	
	w/o NOM	w NOM	w/o NOM	w NOM
DI water	36.47	−52.35	7.68	7.79
OECD medium	0.02	−26.34	7.82	7.95
ISO medium	23.00	−26.12	7.99	7.98
Dechlorinated tap water	24.84	−35.11	7.53	7.72