Table S1. Summary of Test Conditions

Parameter	Conditions
Test Species	Reproductively active zebrafish (*Danio rerio*)
Pre-exposure Phase Duration	At least 14 d; data collected: fecundity (daily)
Exposure Phase Duration	21 d
Dilution Water	Dechlorinated tap water
Test Chemical	Copper sulphate pentahydrate
Test Chamber Size	10 L glass aquaria
Test Volume	4 L
Dilution Water Flow Rate	1.5 L h^{-1}
Rate of Exchange	~9 tank volumes d^{-1}
Test Concentrations	0, 6.7, 20, 60 µg L^{-1} Cu (nominal)
Replicates per treatment	6
Fish per replicate Fish per treatment	10 (5 females and 5 males) 60 (30 females and 30 males)
Feeding Regime	Frozen brine shrimp, twice daily
Photoperiod	16 h light: 8 h dark
Test Temperature	26±2 °C (±1.5 °C between replicates)
Light Intensity	540-1000 Lux
Aeration	None unless DO <4.9 mg L^{-1}
Dissolved Oxygen (DO)	≥60% saturation (≥4.9 mg L^{-1})
pH	6.5-8.5 (±0.5 pH units between replicates)
Hardness and Alkalinity	Measured weekly
Biological Endpoints	See Table 2
Analytical Chemistry Sampling Schedule	1 event during equilibration phase and 4 events during exposure phase (SD 0 and weekly thereafter through SD 21). Includes total and dissolved Cu, TOC, DOC.
Test Validity Criteria	90% survival and successful egg production in control treatment; measured total copper concentration within 20% of each mean measured value per treatment.