THE TOXICITY OF DIFFERENT CONCENTRATIONS OF FORMALIN TO *Chanos chanos* FINGERLINGS

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Abstract

Static 96-hour bioassays were conducted on *Chanos chanos* fingerlings with formalin at concentrations ranging from 100.0 to 400.0 ppm. The 12-, 24-, 48-, 72-, and 96-hour median lethal concentration values (LC50) of formalin for *Chanos chanos* fingerlings were 248, 237, 229, 221, and 217 ppm, respectively.

Test fish upon exposure to varying concentration of formalin exhibited an avoidance response reaction, disorientation, loss of equilibrium and color change.