Table 3 Comparative study of larvicidal activity of different synthesized nanoparticles

Source	Nanoparticles	Life stage	Mosquito species	Lethal conc.	Reference
Zinc nitrate	ZnONPs	Larvicidal activity	*A. Subpictus*	LC_{50} = 11.14 mg/L	Kirthi et al. 2011
Copper acetate	CuNPs	Larvicidal activity	*A. Subpictus*	LC_{50} = 23.47 mg/L	Ramyadevi et al. 2011
Cadmium chloride	CdNPs	Larvicidal activity	*A. Subpictus*	LC_{50} = 10.00 mg/L	Hajra et al. 2015
Cobalt acetate	CoNPs	Larvicidal activity	*A. Subpictus*	LC_{50} = 29.16 mg/L	Marimuthu et al. 2013
Silver nitrate	AgNPs	Larvicidal activity	*A. stephensi*	LC_{50} = 16.156 mg/L	Madhiyazhagan et al. 2015
Chloroauric acid	AuNPs	Larvicidal activity	*C. quinquefasciatus*	LC_{50} = 1.08 mg/L	Kumar et al. 2013
Titanium oxy hydroxide	TiNPs	Larvicidal activity	*A. stephensi* *C. quinquefasciatus*	LC_{50} = 1.08 mg/L 4.34 mg/L	Rajkumar et al. 2015
Nickel sulphate	NiNPs	Larvicidal activity	*C. quinquefasciatus*	LC_{50} = 1.08 mg/L 4.34 mg/L	Angajala et al. 2014
Copper sulphate	CuNPs	Larvicidal activity	*A. stephensi*	LC_{50} = 10 mg/L	Present work