

Table 2 Relationships between 96-hr LC₅₀ and lethal concentrations (mg/L) of mixture for five fish species

Fish Species	Means		Regression Equation	r	R ²
	LC ₅₀ (x)	Lethal Con. (y)			
<i>Catla catla</i>	78.75	128.53	Y=224.44-1.218 (LC ₅₀) SE=0.047**	0.999	0.998
<i>Labeo rohita</i>	96.99	140.98	Y=93.42+0.490 (LC ₅₀) SE=0.410**	0.767	0.588
<i>Cirrhina mrigala</i>	64.44	100.35	Y=79.52+0.323 (LC ₅₀) SE=0.567*	0.495	0.245
<i>Ctenopharyngodon idella</i>	89.90	135.25	Y=84.86+0.561 (LC ₅₀) SE=1.452 ^{NS}	0.360	0.130
<i>Hypophthalmichthys molitrix</i>	52.16	87.08	Y=92.07-0.096 (LC ₅₀) SE=0.086**	0.743	0.552

Note: Con.=Concentration; r=Correlation coefficient; R²=Coefficient of determination; *=Significant at p<0.05; **=Significant at p<0.01; ^{NS}=Non-significant