

Table 2 Water quality parameters of culture system of *C. gariepinus* observed over period of 96 hours

Parameters	Control (0 mg/l)	TRT 1 (2 mg/l)	TRT 2 (3 mg/l)	TRT 3 (4 mg/l)	TRT 4 (5 mg/l)	TRT 5 (6 mg/l)
TEMP(OC)	25.53±0.13 ^{ab}	25.53±0.09 ^{ab}	25.48±0.16 ^a	25.68±0.68 ^b	25.48±0.10 ^a	25.50±0.18 ^a
pH	6.58±0.16 ^a	6.48±0.15 ^a	6.44±0.12 ^a	6.40±0.07 ^a	6.44±0.10 ^a	6.47±0.10 ^a
D.O (ppm)	4.11±0.22 ^e	3.08±0.17 ^d	2.99±0.18 ^d	2.75±0.28 ^c	2.27±0.20 ^b	1.52±0.34 ^a
SAL (ppm)	0.08±0.00 ^a	0.08±0.00 ^a	0.08±0.00 ^a	0.08±0.00 ^a	0.08±0.00 ^a	0.08±0.00 ^a
COND(mn-cm)	0.0042±0.00 ^a	0.0043±0.00 ^a	0.0042±0.00 ^a	0.0042±0.00 ^a	0.0043±0.00 ^a	0.0042±0.00 ^a
T.D.S (ppm)	95.83±1.10 ^a	96.00±1.75 ^a	95.67±2.31 ^a	95.17±1.80 ^a	95.17±1.11 ^a	95.08±1.93 ^a
Ammonia(ppm)	0.4±0.16 ^a	0.34±0.15 ^a	0.33±0.15 ^a	0.35±0.17 ^a	0.40±0.15 ^a	0.33±0.15 ^a
Nitrate(ppm)	7.08±2.57 ^a	7.50±2.61 ^a	6.67±2.46 ^a	7.50±2.46 ^a	6.67±2.46 ^a	7.08±2.57 ^a
Nitrite(ppm)	1.42±0.51 ^a	1.33±0.49 ^a	1.42±0.51 ^a	1.33±0.49 ^a	1.42±0.51 ^a	1.41±0.51 ^a

Note: Mean with different superscripts are significantly different