

Table 2 Mean population densities (TVC) of bacteria isolated from whole fresh Lake Malawi Tilapia (*Chambo*) fish samples during storage in ice for 21 days

Fish part	Days in ice						
	1	3	6	12	15	18	21
Skin surface (log cfu/cm ²)	4.4×10 ³	8.6×10 ³	1.2×10 ⁴	1.7×10 ⁴	2.8×10 ⁴	3.9×10 ⁴	5.6×10 ⁴
Stdev.	±2.2×10 ²	±7.7×10 ²	±1.0×10 ³	±1.5×10 ³	±3.3×10 ³	±1.1×10 ³	±3.0×10 ³
Muscle (log cfu/g)	1.1×10 ²	3.8 × 10 ³	9.8 × 10 ³	2.7 × 10 ⁴	1.8 × 10 ⁵	2.5 × 10 ⁵	6.2 × 10 ⁵
Stdev.	±2.6×10 ¹	±5.2×10 ²	±3.0×10 ²	±3.0×10 ³	±2.1×10 ⁵	±3.1×10 ⁴	±4.4×10 ⁴
Gills (log cfu/g)	1.2×10 ⁵	1.9×10 ⁵	2.1×10 ⁵	2.6×10 ⁵	4.0×10 ⁵	3.6×10 ⁵	2.5×10 ⁵
Stdev.	±1.0×10 ⁵	±1.1×10 ⁴	±2.6×10 ³	±3.610 ³	±5.0×10 ³	±5.4×10 ⁴	±7.6×10 ³
Kidney (log cfu/g)	9.1×10 ³	7.3×10 ⁴	1.9×10 ⁴	1.2×10 ⁴	7.2×10 ³	3.8×10 ³	2.5×10 ⁴
Stdev.	±6.7×10 ²	±9.2×10 ⁴	±2.0×10 ³	±1.7×10 ³	±1.0×10 ³	±2.4×10 ³	±1.2×10 ⁴
Intestines (log cfu/g)	4.0×10 ³	1.4×10 ⁶	1.7×10 ⁶	7.7×10 ⁶	8.0×10 ⁷	8.4×10 ⁷	9.6×10 ⁷
Stdev.	±6.4×10 ²	±1.2×10 ⁵	±1.5×10 ⁶	±8.5×10 ⁵	±5.2×10 ⁶	±1.1×10 ⁷	±1.5×10 ⁶
TVC (cfu/g, cfu/cm ²)	2.9×10 ⁴	3.5×10 ⁵	3.9×10 ⁵	1.6×10 ⁶	1.6×10 ⁷	1.6×10 ⁷	1.9×10 ⁷
Stdev.	±6.4×10 ⁴	±5.8×10 ⁵	±9.0×10 ⁵	±3.1×10 ⁶	±3.3×10 ⁷	±3.4×10 ⁷	±3.9×10 ⁷