

Table 1 Toxicity/Hazard Quotients (TQ/HQ) of some trace elements, hydrocarbons and phenol accumulated in tissues of *C. gariepinus* and *H. longifilis* sampled from the Ogu Creek (TQ values were calculated using MPL values nested below)

Fish tissues	Toxicant	Mean accumulations (mg/kg)			TQ/HQ
		<i>C. gariepinus</i>	<i>H. longifilis</i>	<i>C. gariepinus</i>	<i>H. longifilis</i>
Muscle	Pb	0.08	0.07	0.40	0.35
	Cd	0.52	0.55	10.40	11.00
	Zn	0.52	0.55	10.40	11.00
	Cr	8.42	8.80	8.42	8.80
	TH	7.25	8.44	7250.00	8440.00
	PAHs	0.35	0.61	11.67	20.33
	Phenol	0.008	0.001	0.0008	0.0001
Gills	Pb	0.05	0.05	0.25	0.25
	Cd	0.34	0.40	6.80	8.00
	Zn	8.45	9.55	1.69	1.91
	Cr	0.45	0.50	0.45	0.50
	TH	5.84	9.85	5840.00	9850.00
	PAHs	0.21	0.55	7.00	18.33
	Phenol	0.008	0.002	0.0008	0.0002
Liver	Pb	0.06	0.05	0.30	0.25
	Cd	0.41	0.48	8.20	9.60
	Zn	6.88	8.08	1.38	1.62
	Cr	0.28	0.30	0.28	0.30
	TH	6.88	7.80	6880.00	7800.00
	PAHs	0.18	0.33	6.00	11.00
	Phenol	0.005	0.002	0.0005	0.0002

Maximum Permissible Limits (MPLs) of some of the PEPs in fish by Regulatory Agencies

PEPs	Pb	Cd	Zn	Cr	TH	PAHs	Phenol
MPL (mg/kg)	0.2 ^a	0.05 ^a	5.0 ^a	1.0 ^a	0.001 ^b	0.03 ^c	10.00 ^d

Note: ^a=WHO/UNEP/FAO (UNEP, 1986), ^b=WHO (Clinton et al., 2009), ^c=EU (2014), ^d=UNEP/ILO/WHO (IPCS, 1994)