

Table S36. Lifetime Cancer Risk (CR) of heavy metals in root samples for adults

Elements	CR												
	RO1	RO2	RO3	RO4	RO5	RO6	RO7	RO8	RO9	RO10	RO11	RO12	RO13
Cd	5.06E-06	7.52E-06	2.33E-06	1.19E-06	1.71E-06	1.38E-05	2.01E-06	1.38E-05	1.42E-05	1.74E-05	1.72E-05	1.46E-05	1.20E-05
Cr	5.30E-06	5.90E-06	5.19E-06	5.48E-06	6.33E-06	1.10E-05	1.10E-05	1.40E-05	1.92E-05	8.25E-06	9.25E-06	7.35E-06	6.72E-06
Ni	4.25E-07	5.26E-07	3.92E-07	4.60E-07	4.88E-07	1.74E-06	1.13E-06	2.63E-06	4.49E-06	2.76E-06	2.07E-06	3.06E-06	9.36E-07
Pb	3.65E-07	3.53E-07	3.04E-07	2.41E-07	2.74E-07	3.41E-07	2.79E-07	3.83E-07	3.71E-07	2.74E-07	4.13E-07	2.66E-07	2.55E-07
Total Risk	1.12E-05	1.43E-05	8.22E-06	7.38E-06	8.81E-06	2.68E-05	1.44E-05	3.08E-05	3.84E-05	2.87E-05	2.90E-05	2.53E-05	1.99E-05

< 1×10^{-6} : Negligible risk, 1×10^{-6} to 1×10^{-4} : Acceptable risk range, > 1×10^{-4} : **Unacceptable/high risk**