

Table S38. Lifetime Cancer Risk (CR) of heavy metals in stem samples for adults

Elements	CR												
	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12	ST13
Cd	1.15E-04	1.19E-04	1.56E-04	3.83E-05	3.70E-05	4.13E-05	3.67E-05	1.47E-05	3.57E-05	1.80E-05	2.68E-05	9.33E-05	2.94E-05
Cr	1.07E-05	9.23E-06	8.94E-06	1.11E-05	1.05E-05	4.12E-06	4.33E-06	4.32E-06	3.66E-06	3.46E-06	1.11E-05	3.58E-06	1.12E-05
Ni	2.28E-06	2.64E-06	2.24E-06	3.86E-06	1.96E-06	1.11E-06	1.84E-06	2.73E-06	1.63E-06	8.56E-07	1.61E-06	9.46E-07	3.61E-06
Pb	3.30E-07	2.60E-07	2.79E-07	1.95E-07	2.59E-07	9.21E-08	1.12E-07	9.10E-08	8.00E-08	6.03E-08	2.36E-07	1.17E-07	9.56E-08
Total Risk	1.28E-04	1.31E-04	1.68E-04	5.35E-05	4.97E-05	4.66E-05	4.30E-05	2.18E-05	4.11E-05	2.23E-05	3.97E-05	9.79E-05	4.44E-05

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