

Supplementary material

Table S1. Chemical substances contained in the composition

Composition	Chemical substances
Crustal materials	Al, Si, Ca, Fe, Ti
Trace elements	Li, Be, V, Cr, Mn, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, Bi, Th, U
Organic matters	OM
Inorganic carbons	EC
Anion	F ⁻ , Cl ⁻ , NO ₃ ⁻ , SO ₄ ²⁻
Cation	Na ⁺ , K ⁺ , Mg ²⁺ , Ca ²⁺ , NH ₄ ⁺
Unknown	Dustfall amount subtract the sum of known components