



**Fig 1.** Three-isotope plot of  $\delta^{29}\text{Si}$  and  $\delta^{30}\text{Si}$  of the data for full procedural replicates of each reference material from each laboratory (see from Table S2). Error bars are the 2SD calculated from replicate analyses for each full procedure replicate. The mass-dependent equilibrium fractionation line (slope 0.5178 – solid line) and kinetic fractionation line (slope 0.5092 – dotted line) are shown (Engström et al., 2008).