## Supplementary data

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* Long term reproducibility of USGS SRM SDO-1 (± 0.09‰ (2SD), n=28). Internal and external errors of sample repeats are within the long-term reproducibility of SDO-1 for all presented samples.
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Long term reproducibility of USGS SRM SDO-1 (± 0.09‰ (2SD), n=28). Internal and external errors of sample repeats are within the long-term reproducibility of SDO-1 for all presented samples.

-0.05  0.09

-0.09  0.09

0.08   0.09

ND external errors in samples.