**Table S1**

Accelerator mass spectrometry (AMS)-14C results for charred wood sample (Aso-3) with different preparation methods for removing sulfur-containing impurities

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Method | Condition | Sample (mg) | pMC (%) |  | Method | Condition | Sample (mg) | pMC (%) |
| Ag foil | Untreated | 3.50 | 0.94 ± 0.04a |  | Ag foil | Two-step, pre-baked at 500°C | 3.44 | 0.15 ± 0.03a |
|  |  | 3.41 | 0.76 ± 0.04 |  |  |  | 3.23 | 0.25 ± 0.02 |
|  |  | 3.10 | 1.04 ± 0.04 |  |  |  | 3.57 | 0.09 ± 0.04 |
|  |  | 3.37 | 0.47 ± 0.03 |  | Ag wire |  | 3.52 | 0.41 ± 0.02 |
|  |  | 3.26 | 0.67 ± 0.03 |  |  |  | 3.30 | 0.30 ± 0.02 |
|  |  | 3.05 | 0.62 ± 0.02 |  |  |  | 3.53 | 0.31 ± 0.02 |
|  |  | 3.12 | 0.50 ± 0.02 |  | Sulfix | 3 grains | 3.42 | 0.22 ± 0.02 |
|  |  | 3.29 | 0.44 ± 0.01 |  |  |  | 3.28 | 0.24 ± 0.02 |
|  | Washed with ultrapure water | 3.22 | 0.55 ± 0.03 |  |  |  | 3.81 | 0.15 ± 0.02 |
|  |  | 3.06 | 0.67 ± 0.03 |  |  |  | 3.25 | 0.24 ± 0.02 |
|  | Washed with ethanol | 3.50 | 0.41 ± 0.03 |  |  |  | 3.53 | 0.16 ± 0.02 |
|  |  | 3.21 | 0.47 ± 0.03 |  |  |  | 3.19 | 0.11 ± 0.02 |
|  | Washed with acetone | 3.37 | 0.42 ± 0.03 |  |  | 15 grains | 3.37 | 0.35 ± 0.02 |
|  |  | 3.72 | 0.39 ± 0.03 |  |  |  | 3.49 | 0.24 ± 0.03 |
|  | Pre-baked at 500°C | 3.59 | 0.37 ± 0.02 |  |  |  | 3.94 | 0.29 ± 0.02 |
|  |  | 2.99 | 0.46 ± 0.02 |  |  | 45 grains | 3.29 | 0.33 ± 0.03 |
|  |  | 3.39 | 0.33 ± 0.02 |  |  |  | 3.18 | 0.31 ± 0.02 |
|  | Pre-baked at 800°C | 3.14 | 0.49 ± 0.02 |  |  |  | 3.43 | 0.34 ± 0.02 |
|  |  | 3.03 | 0.45 ± 0.02 |  |  | Single-step with 3 grains | 3.70 | 0.58 ± 0.03 |
|  |  | 3.03 | 0.51 ± 0.02 |  |  |  | 3.39 | 0.54 ± 0.03 |
|  |  |  |  |  |  |  | 3.20 | 0.53 ± 0.02 |

aCounting errors in the AMS-14C measurement