**S2 Table.** Accepted values of the standard material used in the stable isotopic analysis performed in this study, mean measured (±standard deviation) in the samples of standards materials used, minimum and maximum values for all runs, and number of samples (n).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Standard material |  | δ15NAIR(‰ ) |  | δ13CVPDB(‰ ) |  |  |
|  | Accepted values |  | Measured values |  | Accepted values |  | Measured values |  | References of the accepted values |
|  | Mean ± SD |  | Mean of all runs ± SD | Minimum-maximum | n |  | Mean ± SD |  | Mean of all runs ± SD | Minimum-maximum | n |  |
| IAEA N1 |  | 0.4 ± 0.1 |  | 0.5 ± 0.3 | -0.2 to 1.1 | 42 |  |  |  |  |  |  |  | [1] |
| IAEA N2 |  | 20.4 ± 0.1 |  | 20.3 ± 0.2 | 19.7 to 20.6 | 42 |  |  |  |  |  |  |  | [2] |
| IAEA NO3 |  | 4.7 ± 0.1 |  | 4.6 ± 0.2 | 4.0 to 4.9 | 20 |  |  |  |  |  |  |  | [1] |
| USG 34 |  | -1.8 ± 0.2 |  | -1.8 ± 0.3 | -2.6 to -1.3 | 25 |  |  |  |  |  |  |  | [3] |
| USGS 40 |  | -4.5 ± 0.1 |  | -4.6 ± 0.1 | -4.9 to -4.3 | 48 |  | -26.2 ± 0.1 |  | -26.4 ± 0.1 | -26.6 to -26.2 | 47 |  | [4] |
| IAEA 600 |  | 1.0 ± 0.2 |  | 1.0 ± 0.2 | 0.6 to 1.4 | 34 |  | -27.8 ± 0.0 |  | -27.7 ± 0.2 | -27.9 to -26.8 | 34 |  | [5] |
| IAEA CH6 |  |  |  |  |  |  |  | -10.5 ± 0.0 |  | -10.4 ± 0.1 | -10.7 to -10.3 | 46 |  | [5] |
| IAEA CH7 |  |  |  |  |  |  |  | -32.2 ± 0.1 |  | -32.1 ± 0.1 | -32.3 to -32.0 | 43 |  | [5]  |

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