**Table S1. Accuracy and precision tests of ICP-MS method**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Element** | **Certified reference material** | | | | | | | | | | | |
| **IAEA-336** | | | | **GBW10015 (spinach)** | | | | **GBW10014 (Cabbage)** | | | |
| ***w*B/(μg/g)** | | **RSD/%** | **RE/%** | ***w*B/(μg/g)** | | **RSD/%** | **RE/%** | ***w*B/(μg/g)** | | **RSD/%** | **RE/%** |
| **Measured value** | **Certified value** | **Measured value** | **Certified value** | **Measured value** | **Certified value** |
| Cd | 0.108 | 0.1174 | 3.36 | -7.8 | 0.15 | 0.15 | 2.16 | -0.54 | 0.037 | 0.035 | 4.89 | 4.4 |
| Ce | 1.247 | 1.275 | 2.73 | -2.17 | 0.66 | 0.66 | 4.7 | 0.4 | 0.042 | 0.044 | 4.17 | -4.05 |
| Co | 0.318 | 0.294 | 3.31 | 8.03 | 0.22 | 0.22 | 2.56 | 1.6 | 0.091 | 0.089 | 6.41 | 2.67 |
| Cr | 1.118 | 1.056 | 7.44 | 5.84 | 1.35 | 1.4 | 4.65 | -3.52 | 1.83 | 1.8 | 5.5 | 1.9 |
| Cs | 0.119 | 0.1103 | 2.79 | 8.47 | 0.13 | 0.13 | 2.18 | 2.2 | 0.086 | 0.082 | 2.79 | 4.22 |
| Cu | 3.54 | 3.63 | 4.59 | -2.43 | 8.92 | 8.9 | 2.32 | 0.25 | 2.62 | 2.7 | 5.79 | -2.8 |
| K | 1837.3 | 1835.8 | 1.94 | 0.08 | 24687 | 24900 | 2.28 | -0.86 | 15638 | 15500 | 2.62 | 0.89 |
| La | 0.657 | 0.663 | 4.48 | -0.88 | 0.36 | 0.35 | 4.88 | 1.77 | 0.025 | 0.024 | 9.55 | 4.39 |
| Mo | 0.16 | 0.153 | 5.4 | 4.69 | 0.45 | 0.47 | 1.56 | -3.26 | 0.74 | 0.71 | 2.27 | 3.62 |
| Na | 326.3 | 323.4 | 6.43 | 1.97 | 14931 | 1500 | 4.04 | -0.46 | 10860 | 10900 | 2.09 | -0.36 |
| Ni | 1.571 | 1.651 | 3.16 | -4.59 | 0.91 | 0.92 | 3.23 | -0.86 | 0.97 | 0.93 | 5.34 | 4.44 |
| Pb | 4.91 | 4.9 | 2.41 | 0.33 | 11.4 | 11.1 | 4.68 | 2.83 | 0.19 | 0.19 | 2.62 | -0.87 |
| Rb | 1.8 | 1.763 | 2.06 | 2.15 | 28.81 | 30 | 1.64 | -3.97 | 20.1 | 19.6 | 2.74 | 2.6 |
| Sb | 0.0749 | 0.0729 | 5.41 | 2.72 | 0.04 | 0.043 | 5.52 | -6.26 | 0.013 | 0.012 | 4.98 | 5.47 |
| Sc | 0.163 | 0.1727 | 4.5 | -5.72 | 0.09 | 0.093 | 4.27 | -0.88 | 0.0073 | 0.007 | 7.65 | 4.95 |
| Sm | 1.07 | 0.1062 | 5.35 | 0.48 | 0.056 | 0.056 | 8.29 | 0 | 0.0033 | 0.0032 | 7.4 | 2 |
| Sr | 8.79 | 9.3 | 6.09 | -5.49 | 83.4 | 87 | 7.47 | -4.16 | 45.5 | 48 | 5.37 | -5.13 |
| Tb | 0.013 | 0.0141 | 3.76 | -7.75 | 0.0076 | 0.0072 | 5.46 | 5.05 | 0.00052 | 0.0005 | 4.5 | 4.7 |
| Th | 0.141 | 0.142 | 5.16 | -0.4 | 0.12 | 0.114 | 7.16 | 5.02 | 0.0089 | 0.009 | 5.14 | -1.2 |
| Tl | 0.0096 | 0.0089 | 4.34 | 7.81 | 0.051 | 0.049 | 3.46 | 4.34 | 0.0067 | 0.0063 | 8.44 | 6.94 |
| V | 1.545 | 1.471 | 2.37 | 5.02 | 0.93 | 0.87 | 5 | 6.47 | 0.12 | 0.11 | 3.36 | 5.5 |
| Zn | 32.03 | 30.36 | 2.36 | 5.5 | 34.47 | 35.5 | 1.68 | -2.36 | 26.6 | 26 | 3.09 | 2.2 |