

Total elemental recoveries for certified reference materials (CRMs)

Asterisks (*): Uncertainties for PACS-2 are certified values are $\pm 95\%CI$ †: Informational value compiled from GEOREM online community database. ††: Informational, non-certified value reported by the CRM distributor.

| | | Cd | Al | Mn | Fe | Co | Cu | P | Ti | V | Ni | Zn |
|---------------|-------------------------------|------------------------------|--------------------------------|------------------------------|---------------------------------|----------------------------------|--------------------------------|----------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|
| BCR414 | Certified ($\mu\text{g/g}$) | 0.383 ± 0.014 | $[2618 \pm 21]^\dagger$ | 299 ± 12 | $[1850 \pm 190]^\dagger\dagger$ | $[1.43 \pm 0.06]^\dagger\dagger$ | 29.5 ± 1.3 | $[12300 \pm 600]^\dagger\dagger$ | | 8.10 ± 0.18 | 18.8 ± 0.8 | 112 ± 3 |
| | Recovered ($\mu\text{g/g}$) | 0.35 ± 0.026 | 3175 ± 381 | 285 ± 12 | 1935 ± 5 | 1.40 ± 0.03 | 34.1 ± 0.5 | 13968 ± 691 | | 8.17 ± 0 | 19.3 ± 2.5 | 126 ± 6 |
| | Relative Recov. (%) | 91 ± 7 | 121 ± 15 | 95 ± 4 | 105 ± 0 | 98 ± 2 | 115 ± 2 | 114 ± 6 | | 101 ± 0 | 103 ± 13 | 112 ± 5 |
| PACS-2 | Certified ($\mu\text{g/g}$) | 2.11 ± 0.15 | 66200 ± 3200 | 440 ± 19 | 40900 ± 600 | 11.5 ± 0.3 | 310 ± 12 | 960 ± 40 | 4430 ± 320 | 133 ± 5 | 39.5 ± 2.3 | 364 ± 23 |
| | Recovered ($\mu\text{g/g}$) | $2.03 \pm .04$ | 69284 ± 4879 | 436 ± 11 | 43780 ± 378 | 11.8 ± 0.9 | 316 ± 43 | 902 ± 18 | 4596 ± 308 | 135 ± 2 | 36.6 ± 1.8 | 388 ± 4.1 |
| | Relative Recov. (%) | 96 ± 2 | 105 ± 7 | 99 ± 2 | 107 ± 1 | 103 ± 8 | 102 ± 14 | 94 ± 2 | 104 ± 7 | 101 ± 1 | 93 ± 5 | 107 ± 1 |