

APPENDIX 1

Characteristics of the mixed tracers ^{149}Sm - ^{150}Nd and ^{176}Lu - ^{179}Hf . The Sm-Nd data were provided by J. Rodriguez Aller (personal communication)

Trace isotope	Abundance of tracer isotope	Elemental concentration ($\mu\text{g g}^{-1}$)	Concentration in tracer isotope (nmol g^{-1})
^{149}Sm	97.68%	0.37 ± 0.001 (2σ)	2.46 ± 0.15 % (1σ)
^{150}Nd	97.84%	0.43 ± 0.002 (2σ)	2.98 ± 0.30 % (1σ)
^{176}Lu	44.23%	1.63 ± 0.01 (2σ)	9.31 ± 0.30 % (1σ)
^{179}Hf	97.02%	0.2132 ± 0.0006 (2σ)	1.19 ± 0.20 % (1σ)