

Table 1Determined B isotopic composition ($\delta^{11}\text{B}$) of reference materials by UV fs LA-MC-ICP-MS

Reference material		B* [$\mu\text{g g}^{-1}$]	Rep. Rate [Hz]	Signal [cps]	$\delta^{11}\text{B}$ [‰]	2 SD	n
JCp-1	Coral powder	48	10-20	220000	24.35	0.87	17
IAEA-B-8	Clay powder	100	5-10	320000	-5.56	0.67	11
NIST SRM 612	Silicate glass	35	125	200000	-0.23	0.65	14
GOR132-G	Komatiite glass	17	200	200000	8.60	1.10	9
StHs6/80-G	Andesite glass	11	250	200000	-3.98	0.62	5
ATHO-G	Rhyolite glass	6	250	110000	-3.96	0.54	3

*Preferred values as provided by the database *GeoReM* (Jochum et al., 2005).