
Analyte G2 laser ablation system (193 nm)

Laser fluence	0.91 J cm ⁻²
Laser pulse repetition rate	4 Hz
He flow rates for the HelEx II	0.7 and 0.3 L min ⁻¹
Two-volume cell	
Projected spot size	40–85 μm

Varian Bruker 820-MS

Dwell time	20 ms
Radio frequency power	1.15 kW
Sheath gas flow	0.8–0.9 L min ⁻¹
²³² Th ¹⁶ O ⁺ / ²³² Th ⁺	< 0.5 %
U/Th	~ 1
