Supplemental Table 1. LA-ICP-MS Analysis Methods

|  | **Pre-Ablation** | **Ablation** |
| --- | --- | --- |
| **Analysis Mode** | point | point |
| **Laser Beam Diameter** | 135 µm | 110 µm |
| **Laser Energy** | 4.5 mJ (100%) | 4.5 mJ (100 %) |
| **Pulse Frequency** | 5 Hz | 5 Hz |
| **Number of Shots** | 30 | 300 |
| **Duration (seconds)** | 1  | 60  |