

Electronic Supplementary Information

Journal of Analytical Atomic Spectrometry

Superior Spatial Resolution in Confocal X-ray Techniques Using Collimating Channel Array Optics: Elemental Mapping and Speciation in Archaeological Human Bone

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Table S1.

Table shows count rates (s^{-1}) recorded by the fluorescence detector. The *low* fluorescent count rates represent typical lowest level values observed in the maps of Figure 2, excluding values originating from outside of the sample. Likewise, the *high* values represent the highest observed count rates, excluding anomalous hot spots. Since the sample is highly heterogeneous with respect to the distributions of Pb or Sr, and the areas investigated within the sample for various setups were chosen arbitrarily, the Ca/Pb or Sr/Pb ratios do not carry any significance.

	Conventional		Polycapillary		CCA (7 μm)		CCA (2.5 μm)	
	<i>Low</i>	<i>High</i>	<i>Low</i>	<i>High</i>	<i>Low</i>	<i>High</i>	<i>Low</i>	<i>High</i>
Ca	108	8478	20	41850	330	20160	1618	30040
Pb	106	12680	20	5340	28	2228	54	1784
Sr	1320	72662	20	2160	280	2828	86	1624