

## Supplementary Tables

**Supplementary Table 1.** Laser wavelengths used for LIBS-based imaging and associated references.

UV	213 nm	[76,95]
	248 nm	[100]
	266 nm	[44,46,54,73,79–81,84,96,97,107,108,138]
	343 nm	[78,83]
	355 nm	[94]
Visible	400 nm	[63]
	532 nm	[50,70,74,82,85,91,93,105,106,119,135,137]
	800 nm	[102]
IR	1047 nm	[98,99]
	1064 nm	[43,47–49,51–53,55–62,64–67,71,72,75,77,86–90,103,109,111–115,117,118,120,125,126,128–132,134,136,147–150]

**Supplementary Table 2.** Laser pulse durations used for LIBS-based imaging and associated references.

ns	[43,44,47–52,54–61,64,65,67,69–77,82,84,86–91,93–96,98,99,103–109,111–115,117–120,123,125,126,128–132,134,135,137,138,145–150]
fs	[63,78,83,102]

**Supplementary Table 3.** Focusing configurations used for LIBS-based imaging and associated references.

1-10 $\mu\text{m}$	[44,63,73,74,81,123,126,147]
10-30 $\mu\text{m}$	[46,47,55,56,58,82,96,99,113,130,131]
30-100 $\mu\text{m}$	[43,52,54,61,65,75,76,78–80,84,95,98,103–106,115,117,119,125,128,129,136,139,146,148,149]
> 100 $\mu\text{m}$	[48,49,51,53,57,59,60,62,64,67,69–72,77,85,86,90,93,100,102,107–109,111,112,114,120,132,137]

**Supplementary Table 4.** Spectrometers used for LIBS-based imaging and associated references.

CT	[43,44,48,50,54–58,62,65,72,73,75–78,80–83,85,87,89,95,100,107–109,111–113,117–120,125,126,128,130,131,138,145–150]
CT Compact	[49,51,53,59,61,64,66,67,71,74,79,84,86,90,97,102,114,123]
Echelle	[47,60,63,69,70,91,93,94,105,106,129,132,135–137]
PR	[98,99]