

Substance		Speed of Sound ( <i>c</i> , m/s)	Impedance ( <i>Z</i> , MPa·s/m)	Attenuation at 1 MHz ( <i>α</i> , Np/m)
Water	at 20°C	1482.2	1.48	0.03
	at 37°C	1523.7	1.51	0.02
Agar 2% w/v	at 20°C	1542	1.48	2.1
	at 37°C	1559	1.49	1.6
Polyacrylamide 7% w/v	at 20°C	1544	1.61	1.6
	at 37°C	1576	1.62	0.8
Liver 37°C	bovine	1600	1.76	5.0
	canine	1601	1.76	4.4
	human	1595	1.75	4.5
	porcine	1588	1.75	2.3