

**TABLE 1** SOME INDICES OF REFRACTION<sup>a</sup>

<i>Medium</i>	<i>Index</i>	<i>Medium</i>	<i>Index</i>
Vacuum (exactly)	1.00000	Typical crown glass	1.52
Air (STP)	1.00029	Sodium chloride	1.54
Water (20°C)	1.33	Polystyrene	1.55
Acetone	1.36	Carbon disulfide	1.63
Ethyl alcohol	1.36	Heavy flint glass	1.65
Sugar solution (30%)	1.38	Sapphire	1.77
Fused quartz	1.46	Heaviest flint glass	1.89
Sugar solution (80%)	1.49	Diamond	2.42

<sup>a</sup> For a wavelength of 589 nm (yellow sodium light).