

TABLE 2. Calculated and measured values for buoyant densities of bacterial cells and bacterial pellets<sup>a</sup>

Bacteria	Buoyant density (g cm <sup>-3</sup> )			
	Calculated (range)		Measured directly	
	Cells	Pellet	Cells	Pellet
<i>B. subtilis</i>	1.15–1.24	1.03–1.05	1.13	1.04
<i>E. coli</i>	1.09–1.13	1.07–1.11	1.09	1.07
<i>P. putida</i>	1.14–1.22	1.07–1.10	1.12	1.07

<sup>a</sup> The cells and pellets used for determination of buoyant densities were prepared under conditions identical to those used for determination of percent dry weight of the pellets and percent intercellular water in the pellets. Average values for percent dry weight of cells and pellets and percent intercellular water in the pellets (from Table 1) were used for calculation of buoyant densities.