

Table 3. Volume fluctuations and empirical interfacial tensions

	Radius, Å*	rms(δv), Å ^{3†}	γ , cal/mol/Å ^{2‡}
Ferrocyanochrome <i>c</i>	15.5	100	46
Ferricytochrome <i>c</i>	15.5	117	39
Ribonuclease A	15.6	115, 117	40, 40
Lysozyme	15.9	127, 120	37, 39
α -Lactalbumin	16.1	138	35
Myoglobin	17.1	153	33
β -Lactoglobulin	17.6	158, 173	33, 30
Trypsin	18.7	148	37
α _S -Casein	19.0	168	33
α -Chymotrypsinogen A	19.5	169, 158	34, 37
Ovomucoid	19.8	173	34
Pepsin	21.9	219	30
Ovalbumin	23.9	252, 237	28, 30
Bovine serum albumin	27.1	313, 316	26, 25
Hemoglobin	27.3	317	25
Conalbumin	27.9	295	28

* Computed from the partial specific volume and M_r according to Eq. 8.

† Obtained by using the β_S values and assuming that $h = 0.4$ g/g of protein. When two numbers are given, the second number was obtained by using the β_T and hydration values given in Table 2.

‡ Obtained by using the rms(δv) values and Eq. 4 at 25°C.