

Table 1

dn/dc values obtained by SPR (flow gradient) and those found in the literature

Sample	dn/dc (cm ³ /g) ^a ± δ ^b by SPR	dn/dc (cm ³ /g) in literature	Difference (%)
CTAB	0.151 ± 0.007	0.150 ^c	0.6
Heparin	0.122 ± 0.003	0.129 ^d	5.4
HPS	0.162 ± 0.003	0.162 ^e	0.0
PEG 4000	0.128 ± 0.002	0.134 ^f	3.0
SDS	0.100 ± 0.003	0.108 ^g	8.0
Sucrose	0.147 ± 0.001	0.144 ^h	2.1

^a Water, $\lambda = 840$ nm, $T = 23$ °C.

^b Standard deviations obtained with three independent measurements.

^c Water, $\lambda = 632.8$ nm [24].

^d Dalteparin sodium, a low-molecular weight heparin, in buffer (pH 7), $\lambda = 690$ nm, $T = 25$ °C [25].

^e $\lambda = 632.8$ nm, $T = 25$ °C [11].

^f Water, $\lambda = 589$ nm, $T = 25$ °C [1].

^g Buffer PBS [20].

^h Water, $\lambda = 589.3$ nm, $T = 20$ °C [26].