TABLE 2

A_{420}/A_{600} Rates for Very Dilute Suspension of *E. coli* in Different Instruments

Instrument	A_{420}/A_{600}
Theoretical	
Ellipsoids Rayleigh Gans	2.22
Inverse wavelength squared (Jöbst approximation)	2.04
Experimental	
Cary model 16	2.13
Zeiss model PMQ II	2.06
Beckman DU monochromator-2 TS[a]-Gilford detector	1.97
Beckman DU monochromator-2 TS-Beckman detector	1.69
Bausch & Lomb Spectronic 20	1.59

[a] TS = thermospacers.

[3] The theoretical calculations (1) showed an inverse power dependency of 2.25 instead of 2.0. On this basis, the A_{420}/A_{600} should be 2.22 instead of 2.40.