

TABLE 4

Values for the mean thickness of living *L. bulgaricus* from a number of different cultures, measured by the 'single immersion' and 'double immersion' methods as in tables 1 and 2, but with an integration correction of  $X \frac{2}{\sqrt{\pi}}$  ( $= X_{1.13}$ ) applied to all the phase-change measurements

Culture no.	Mean thickness ( $t_1$ ) calculated from single sets of phase-change measurements in 0.25% NaCl, and a mean r.i. of 1.404 measured by immersion refractometry	Mean thickness ( $t_2$ ) calculated from two sets of phase-change measurements in 0.25% NaCl and in protein solutions of various refractive indices
	( $\mu$ )	( $\mu$ )
1	1.37	1.33
2	1.39	1.19
3	1.29	1.28
4	1.29	1.17
5	1.30	1.23
6	1.28	(1.01)
7	1.31	1.29
8	1.28	1.19
9	1.29	1.17
10	1.31	1.17
11	1.34	..
12	1.39	..
13	1.29	..
14	1.33	..