

**Table 2.** Macromolecular composition and *rrn* gene activity in strain SL209 ( $\Delta relA \Delta spoT$ )

Parameter	Units	CAA	Growth medium		LB
			Gly-CAA	Glc-CAA	
Growth rate	Doublings/hour	1.82	1.97	2.23	3.03
Protein/mass	$10^{17}$ aa/ $A_{460}$	5.21	5.16	4.62	3.88
RNA/mass	$10^{16}$ nuc/ $A_{460}$	5.96	6.25	6.35	6.95
DNA/mass	$10^8$ Gequ/ $A_{460}$	5.88	5.71	5.39	6.30
C-period	Minutes	50	47	43	34
<i>oriC</i> /mass	$10^8$ <i>oriC</i> / $A_{460}$	9.5	9.3	8.9	10.8
<i>rrn</i> genes/ <i>oriC</i>	(Number)	5.7	5.6	5.6	5.5
Init./ <i>rrn</i> gene	Transcripts/minute	43	50	60	75

The growth media were minimal medium supplemented with Casamino acids (CAA) either alone, or with glycerol or glucose, or LB medium with glucose (see Materials and Methods). For details of measurements and calculations see footnotes a through d in Table 1.