

TABLE 2
*Growth rates and RNA composition of S. typhimurium 5210 as a
function of carbon and nitrogen sources*

Carbon source†	Nitrogen source†	μ	$\frac{\text{RNA}}{\text{DNA}}$	Fraction of total RNA‡ in peak A§ in 4 s peak	
Glucose	Difco Casamino acids + Difco yeast extract	1.77	9.9	0.104	0.157
Glucose	Difco Casamino acids	1.40	8.0	0.113	0.141
Glucose	Ammonia	0.97	6.1	0.114	0.185
Glycerol	Ammonia	0.79	5.3	—	—
Rhamnose	Ammonia	0.33	3.1	0.149	—
Rhamnose	Ammonia	0.28	—	—	0.156

† The carbon and nitrogen sources were added as described in Table 1.

‡ Average of two analyses.

§ As measured by methylated serum albumin chromatography.

|| As measured by sedimentation on sucrose concentration gradient.