

TABLE IV

Phospholipid composition of GN85 (cds⁺), GN80 (cds-8), and revertant GN80-8

Unidentified radioactive material at the origin was not counted in determining total phospholipid, which was taken as the sum of PE (phosphatidylethanolamine), PG (phosphatidylglycerol), CL (cardiolipin), and PA (phosphatidic acid). The thin layer system employed separated PG and CL rather poorly, and hence these were counted together. CL accounted for less than 1% of total lipid in all samples, and there was also very little of this material in the parental strain R477. Error of duplicate determinations was about $\pm 1\%$.

Strain	pH	Lipid composition		
		PE	PG + CL	PA
		<i>% of total</i>		
GN85 (<i>cds</i> ⁺)	6	80.6	19.1	0.2
	8.5	74.5	25.3	0.2
GN80 (<i>cds</i> -8)	6	81.7	14.7	3.6
	8.5	60.3	12.6	27.1
GN80-8 (revertant of GN80)	6	79.4	20.2	0.4
	8.5	71.9	27.6	0.5