

various nicotinic acid derivatives during growth and sporulation of bacilli.

19 August 1986; Revised 15 April 1987

1. Black, S. H. and Gerhardt, P., *J. Bacteriol.*, 1962, 83, 960.
2. Singh, R. P., Setlow, B. and Setlow, P., *J. Bacteriol.*, 1977, 130, 1130.
3. Setlow, B. and Setlow, P., *Proc. Natl. Acad. Sci. USA*, 1980, 77, 2474.
4. Roberts, T. A. and Hitchins, A. D., *The bacterial spores*, (eds) G. W. Gould and A. Hurst, Academic Press, London, 1969, p. 611.
5. Gollakota, K. G. and Halvorson, H. O., *J. Bacteriol.*, 1960, 79, 1.
6. Upreti, G. C., Singh, R. P., Verma, J., Bhatia, P. L. and Gollakota, K. G., *Biochem. Biophys. Res. Commun.*, 1969, 35, 611.
7. Gollakota, K. G. and Halvorson, H. O., *J. Bacteriol.*, 1963, 85, 1386.
8. Vinter, V., *J. Appl. Bacteriol.*, 1970, 33, 50.
9. Singh, R. P., *Curr. Sci.*, 1984, 53, 89.
10. Singh, R. P., *Indian J. Exp. Biol.*, 1982, 20, 223.
11. Rotman, Y. and Fields, M. L., *Anal. Biochem.*, 1967, 22, 168.
12. Law, J. H. and Slepecky, R. A., *J. Bacteriol.*, 1961, 82, 33.
13. Ryan, J. P., *Anal. Biochem.*, 1980, 108, 374.
14. Fortnagel, P. and Freese, E., *J. Biol. Chem.*, 1968, 243, 5289.
15. Fortnagel, P. and Freese, E., *J. Bacteriol.*, 1968, 95, 1431.
16. Balassa, G. Milhaud, P., Raulet, E., Silva, M. T. and Sousa, J. C. F., *J. Gen. Microbiol.*, 1979, 110, 365.

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