Hamill et al.

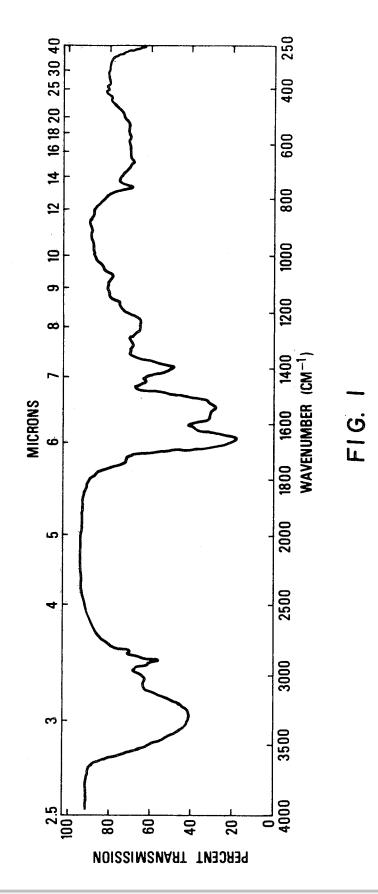
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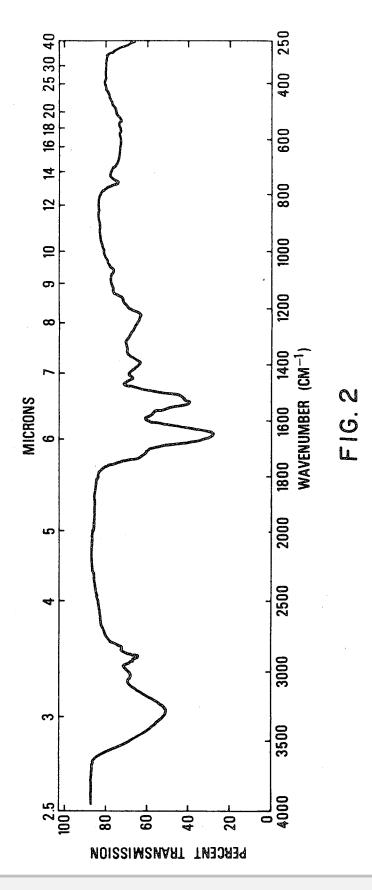
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[54]		NTIBIOTICS AND PROCESS FOR CODUCTION	[56] References Cited PUBLICATIONS
[75]	Inventors:	ttors: Robert L. Hamill, Greenwood; Marvin M. Hoehn, Indianapolis, both	Shoji et al., J. Antibiotics, 1976, vol. 29, pp. 380-389, 1268-1274, 1275-1280.
[72] A	of Ind.	Primary Examiner—Dale R. Ore Attorney, Agent, or Firm—Nancy J. Harrison; Arthur R.	
[73]	Assignee:	Eli Lilly and Company, Indianapolis, Ind.	Whale [57] ABSTRACT
[21]	Appl. No.:	206,749	Antibiotic A-21978 complexes, in particular the A-21978C complex, comprising microbiologically active,
[22]	Filed:	Nov. 14, 1980	related factors, C <sub>0</sub> , C <sub>1</sub> , C <sub>2</sub> , C <sub>3</sub> , C <sub>4</sub> , and C <sub>5</sub> . A-21978 complex and A-21978C complex are produced by sub-
	Related U.S. Application Data		merged aerobic fermentation of Streptomyces roseosporus NRRL 11379. The individual A-29178C factors are separated and isolated by chromatography. The A-21978 and A-21978C complexes, the A-21978C factors, and pharmaceutically acceptable salts thereof are antibacterial agents and improve growth promotion in
[60]	Continuation-in-part of Ser. No. 41,274, May 21, 1979, abandoned, which is a division of Ser. No. 951,695, Oct. 16, 1978, Pat. No. 4,208,403.		
[51]	Int. Cl.3	C07C 103/52	poultry.
[52]	U.S. Cl 260/112.5 R; 424/115		
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18 Claims, 7 Drawing Figures

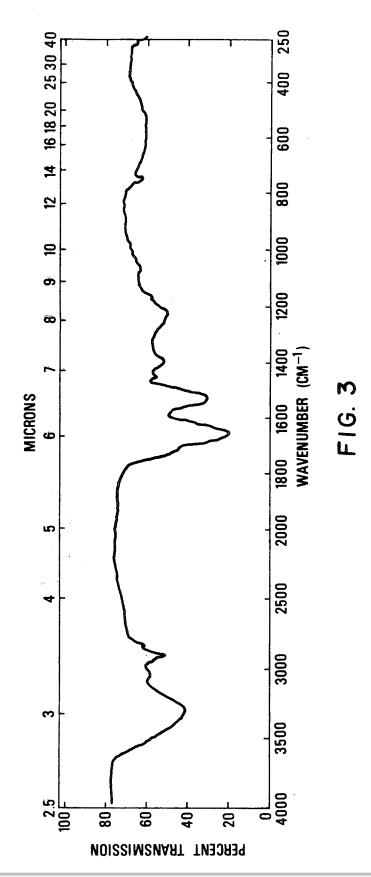


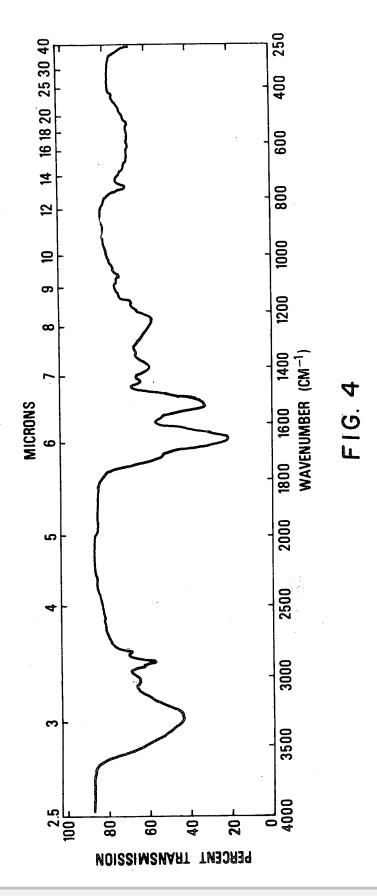






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