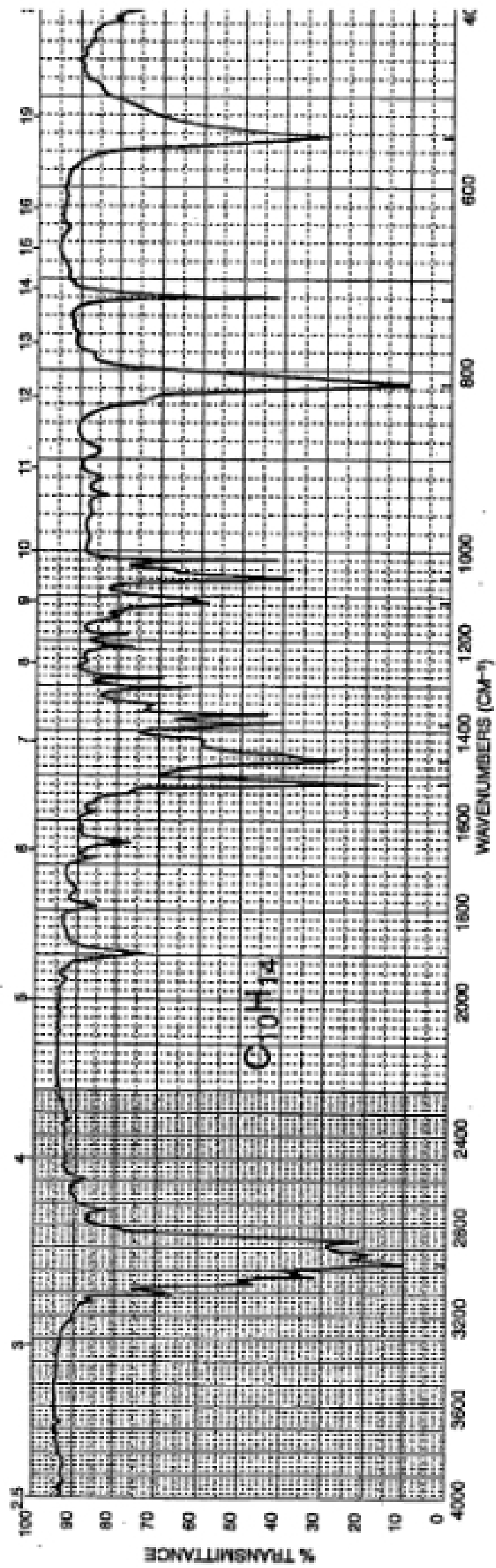


CHM 2212-Organic Chemistry II
February 1, 2002
Quiz #3 (25 points)

Name _____(1)

1. (8) Draw a structure that is compatible with the following IR spectrum. The molecular formula is $C_{10}H_{14}$. You must show your work and reasoning below and on the spectrum.



2. (8) Draw a structure that is compatible with the following IR spectrum. The molecular formula is $C_6H_{10}O$. You must show your work and reasoning below and on the spectrum. Hint: the molecule does not contain any rings.