

CHEM360 Lab Manual 2002/04

Exp.14

Unknown # 360-14-12

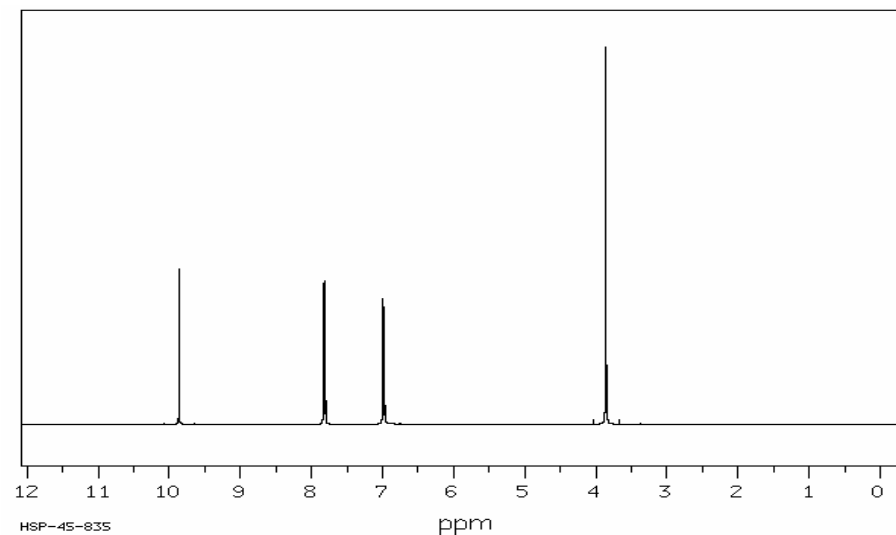
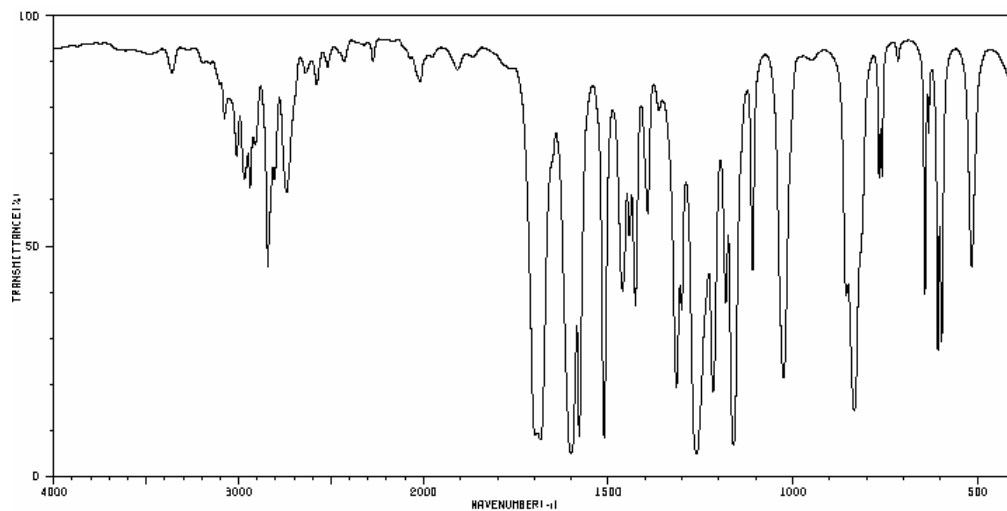
Mol. Wt. = 136.12 g/mol

Chemical Formula = C₈H₈O₂

Degrees of Unsaturation = _____

b.p. = 230°C

IR Spectra (liquid film (neat) on KBr Disc)

¹H-NMR Spectra (at 400 MHz in CDCl₃)

Infrared Spectra (neat liquid film on KBr disc):

¹H-NMR Integration Data: (at 400 MHz in CDCl₃)

Spectrum Region	Absorp'n Band#	Frequency (cm ⁻¹)	Peak Shape (sharp, broad)	Peak Intensity (strong, med. or weak)	Functional Group Indicated	Signal #	Shift	Integrat'n	Splitting	Comment	#Neighbouring H	Signal Assignment
						1	δ 3.86	3H				
						2	δ 6.98	2H				
						3	δ 7.82	2H				
						4	δ 9.86	1H				

Structure Assigned to Unknown 360-14-12

Compound Name:

