

CHEM360 Lab Manual 2002/04

Exp.14

Unknown # 360-14-7

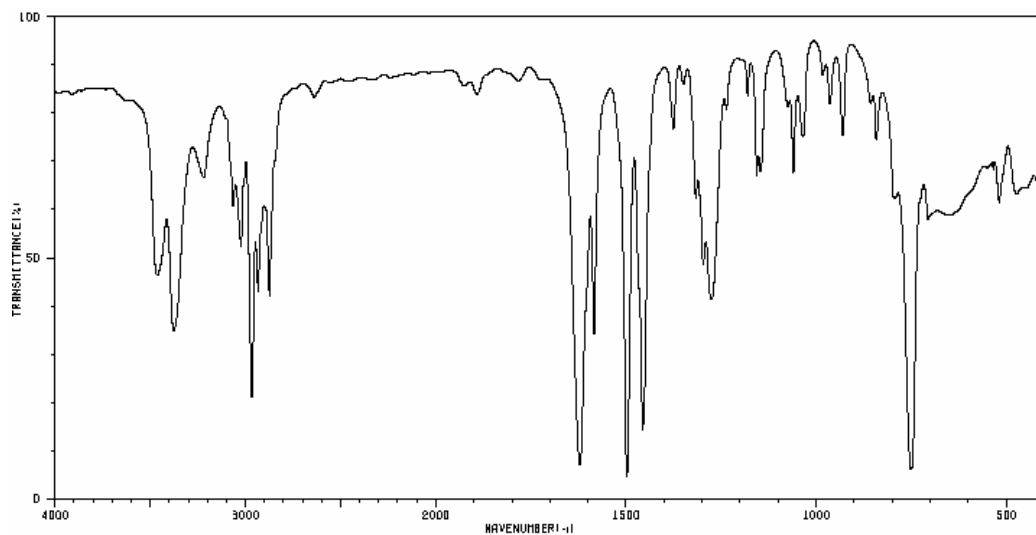
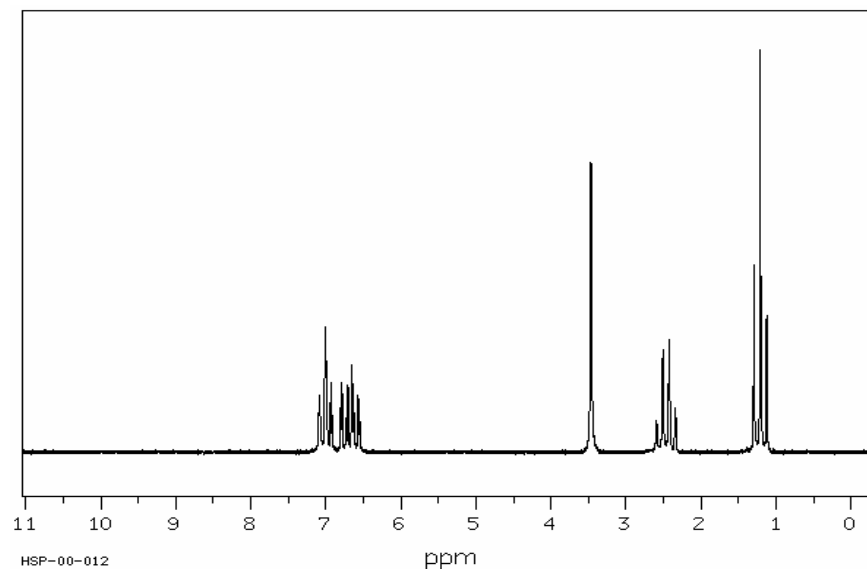
Mol. Wt. = 121.18 g/mol

Chemical Formula = $C_8H_{11}N$

Degrees of Unsaturation = _____

b.p. = 210°C

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

 1H -NMR Spectra (at 90 MHz 10.5 mol% in $CDCl_3$)

HSP-00-012

ppm

Infrared Spectra (liquid film (neat) on KBr disc):

 1H -NMR Integration Data: (at 90 MHz 10.5 mol% in $CDCl_3$)

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 1.2	3H				
						2	δ 2.46	2H				
						3	δ 3.47	2H		xchanges with D_2O		
						4	δ 6.65	2H				
						5	δ 7.0	2H				

Structure Assigned to Unknown 360-14-7

Compound Name:

