

Spectroscopy Handout  
HW and Lab Activity

Name: \_\_\_\_\_

NMR Spectra

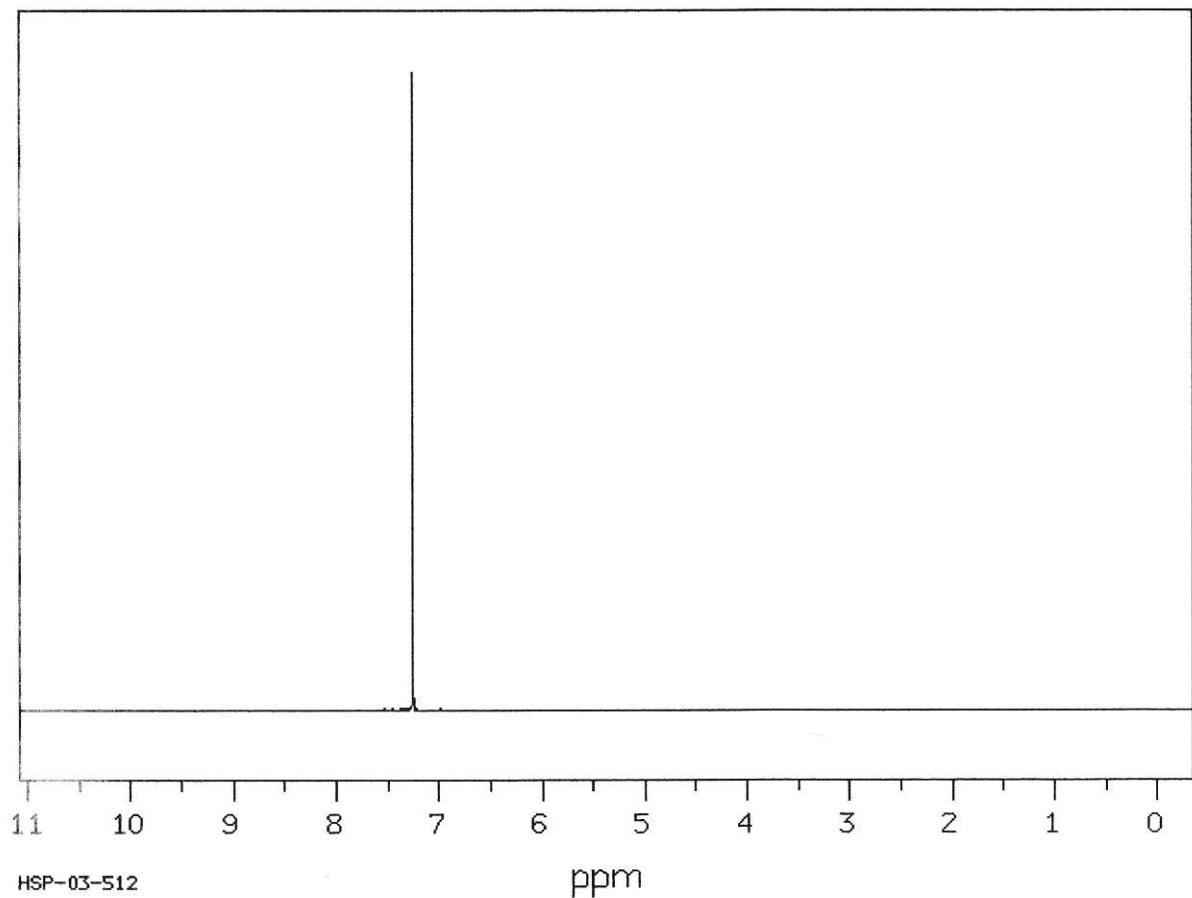
Directions:

1. Try to discern what the spectra should look like for each of the compounds:
  - a. Number of different types of H's
  - b. Should they be singlets, doublets, etc.
2. Pick which compound you feel that it is based on the spectra (has to be one of the compounds in the list)
3. Brief summary of why you think you have made the correct choice.

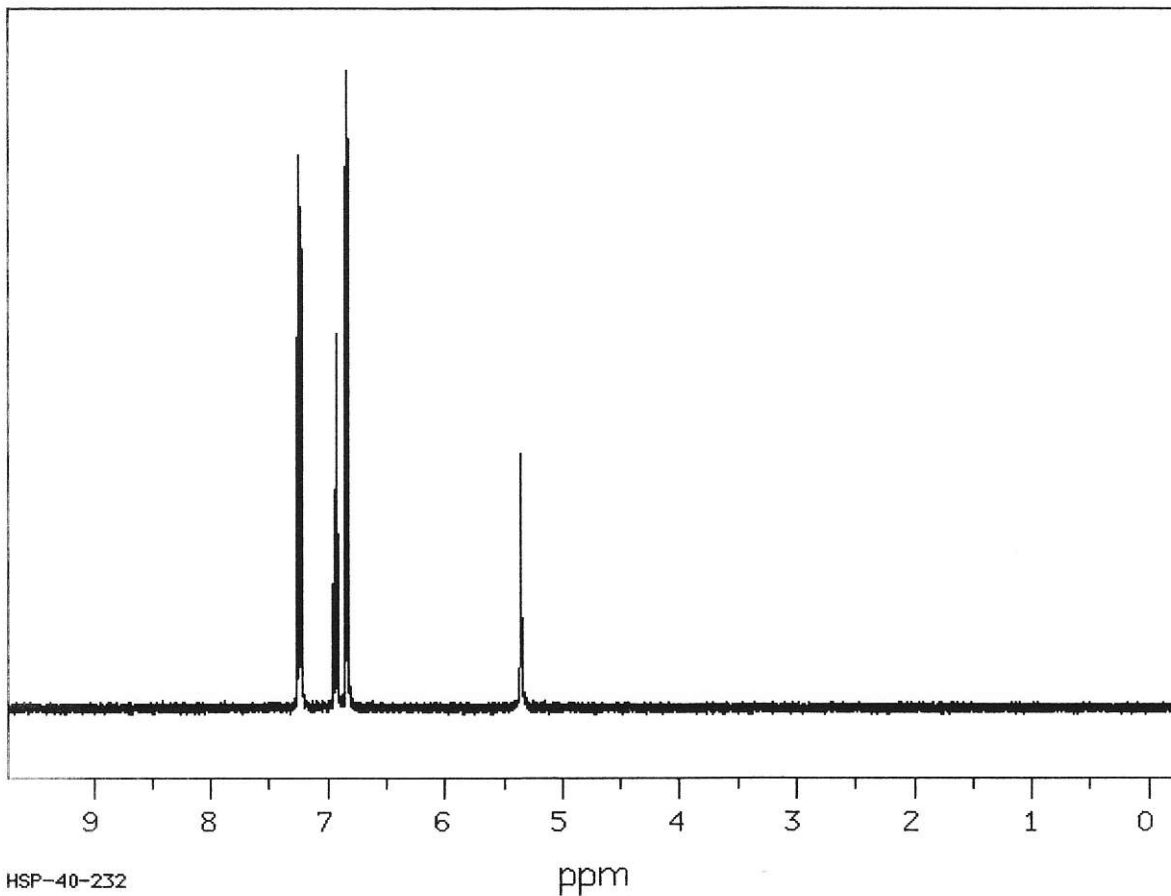
Compounds

Chloroform  
Hexane  
Phenol  
Acetone  
Ether  
3-hexanone  
Hexylamine  
2-chloropropane  
Propane  
Acetic acid  
1-hexene

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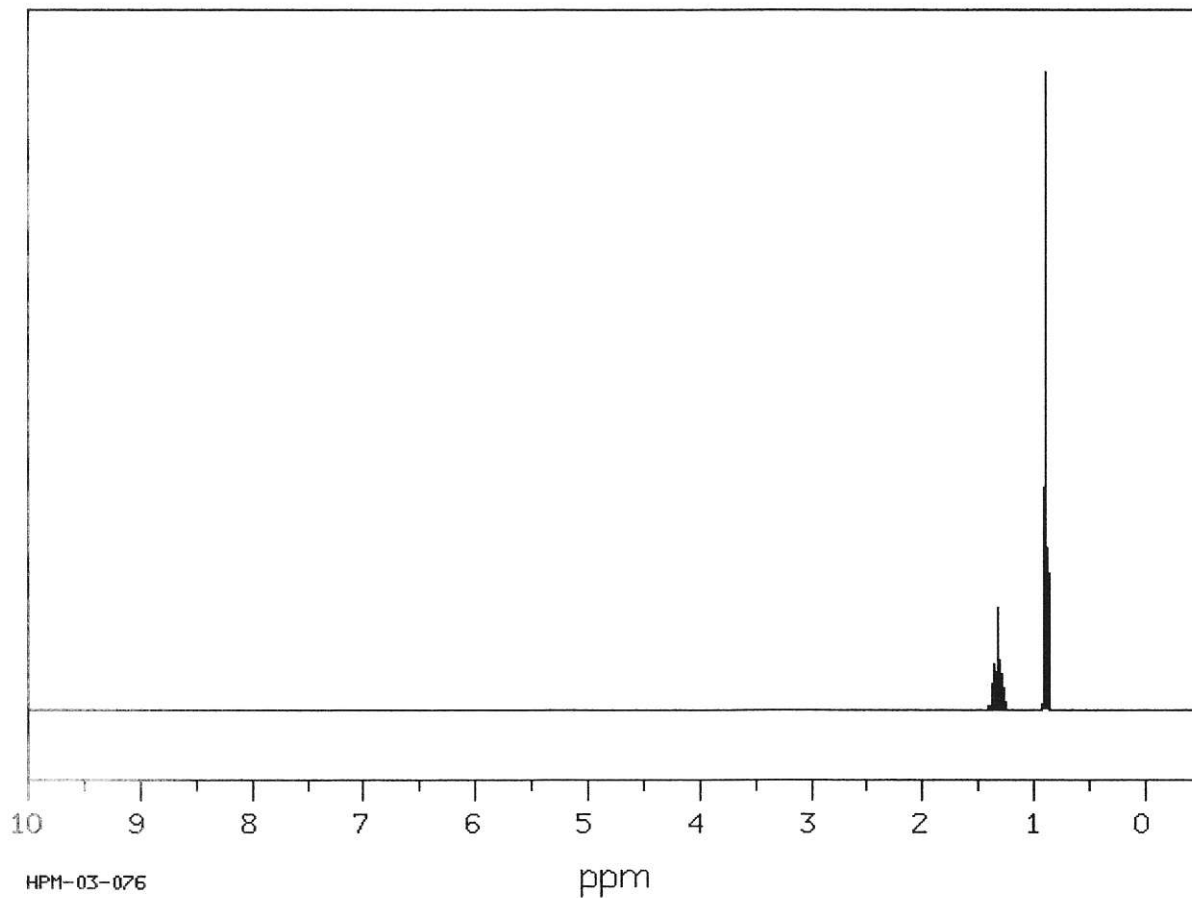


2



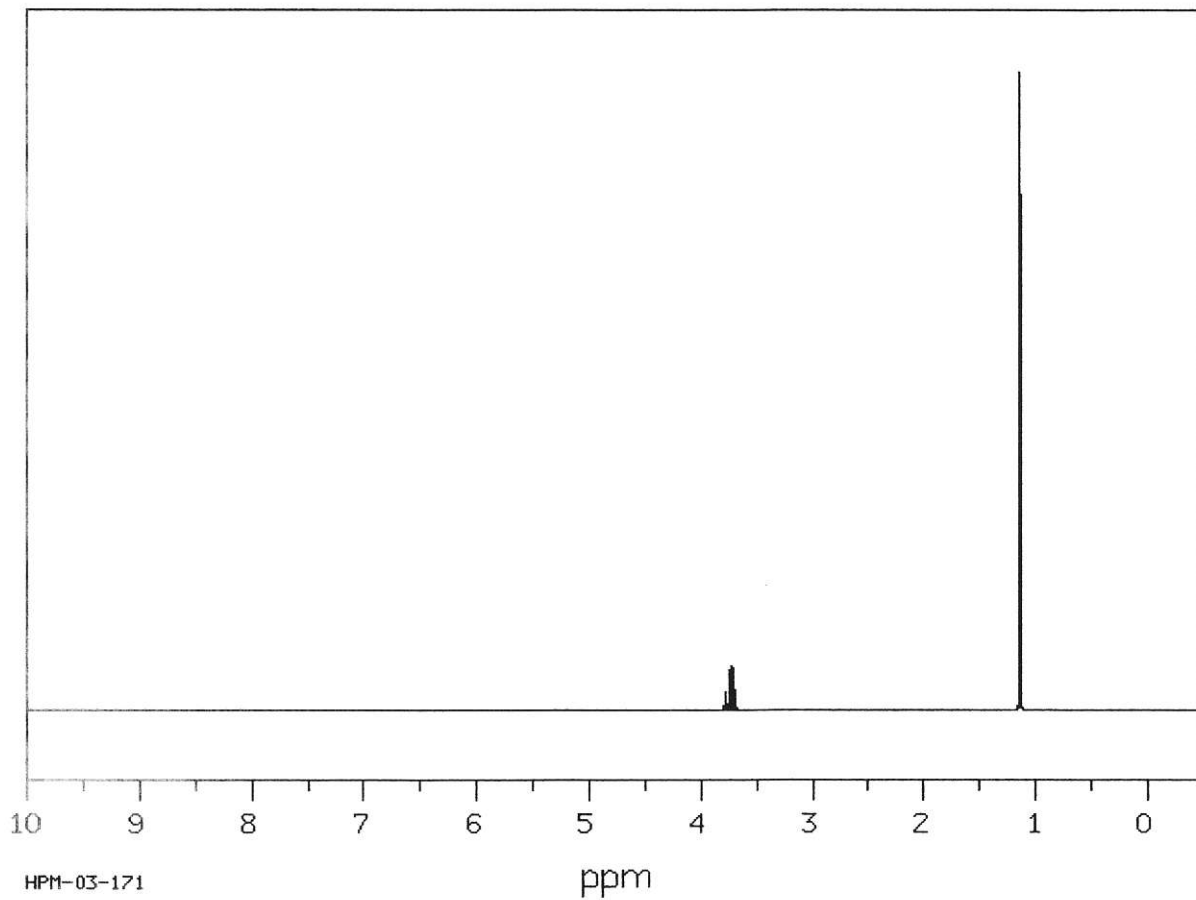
HSP-40-232

3



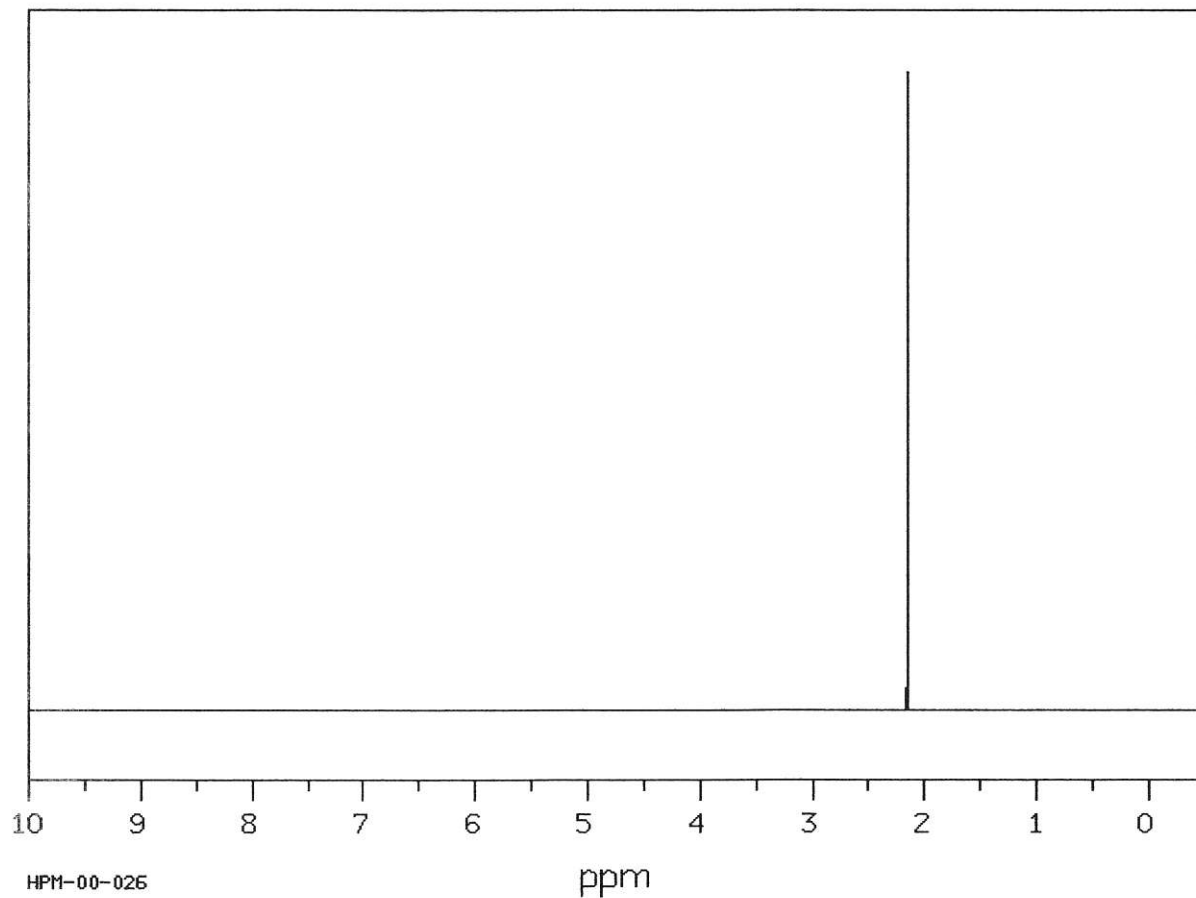
HPM-03-076

4

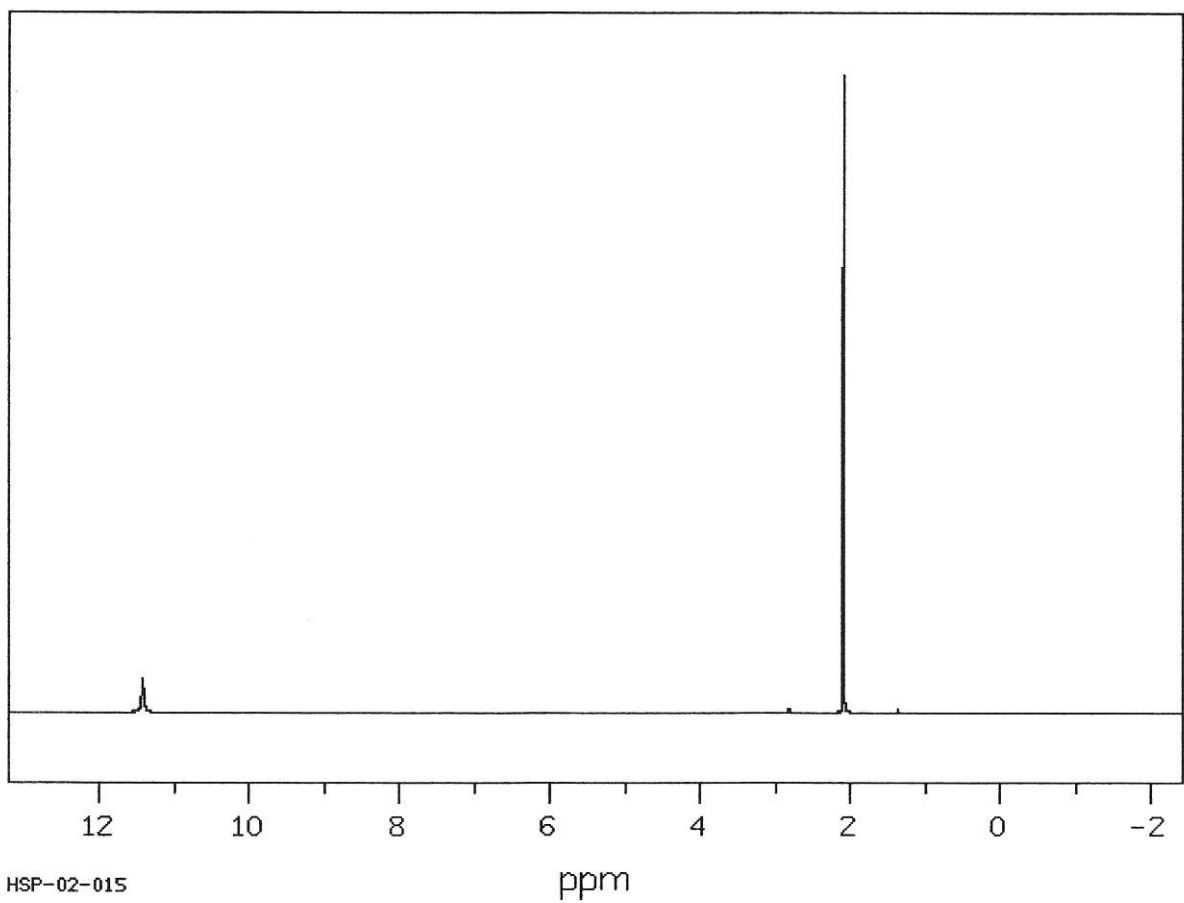


HPM-03-171

S

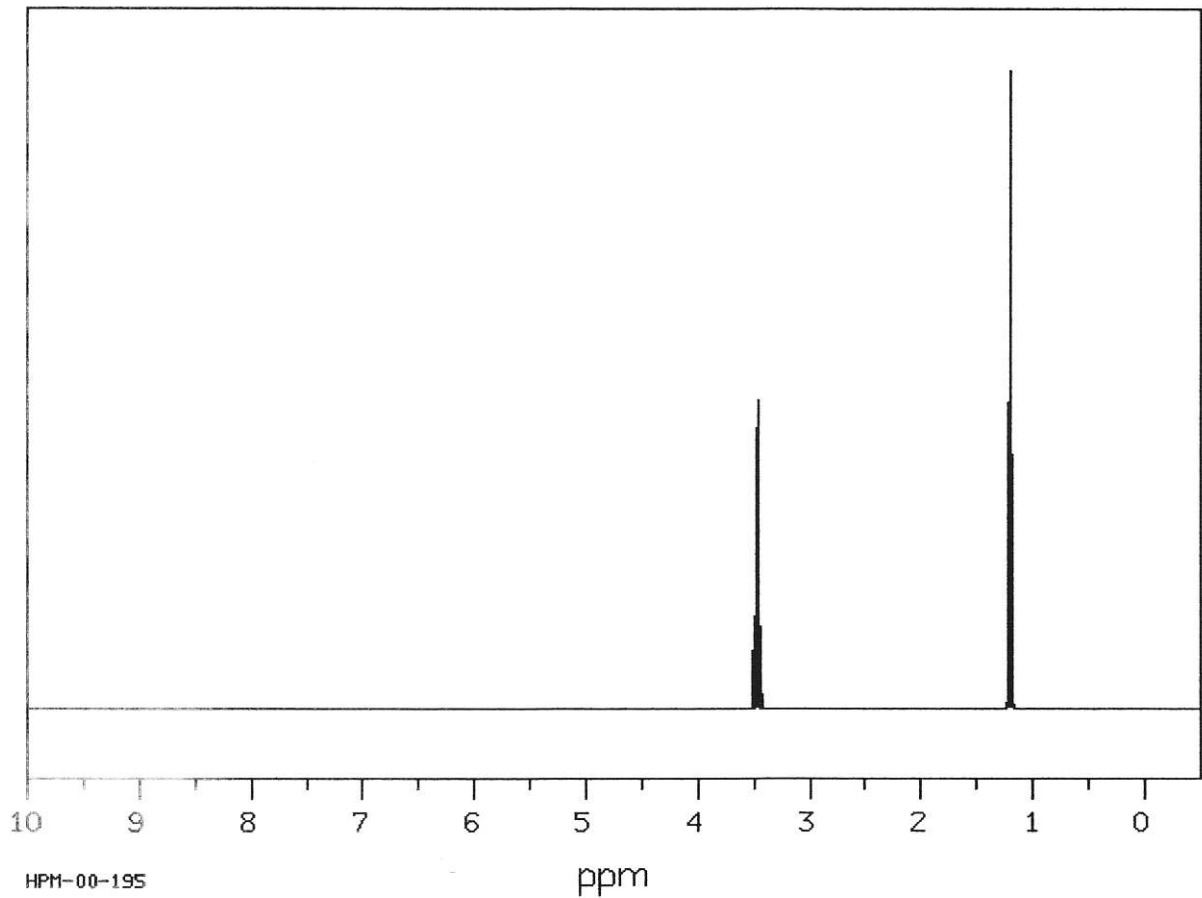


6



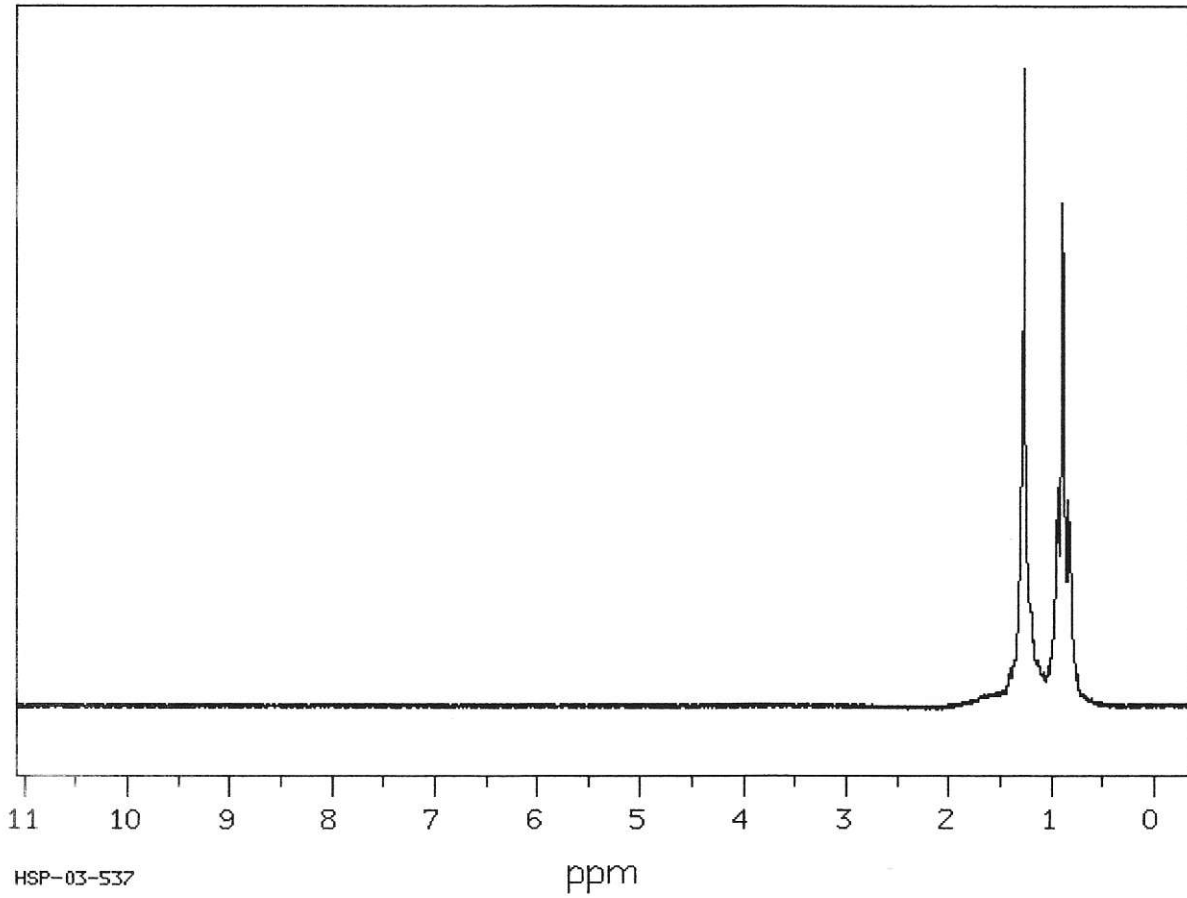
HSP-02-015

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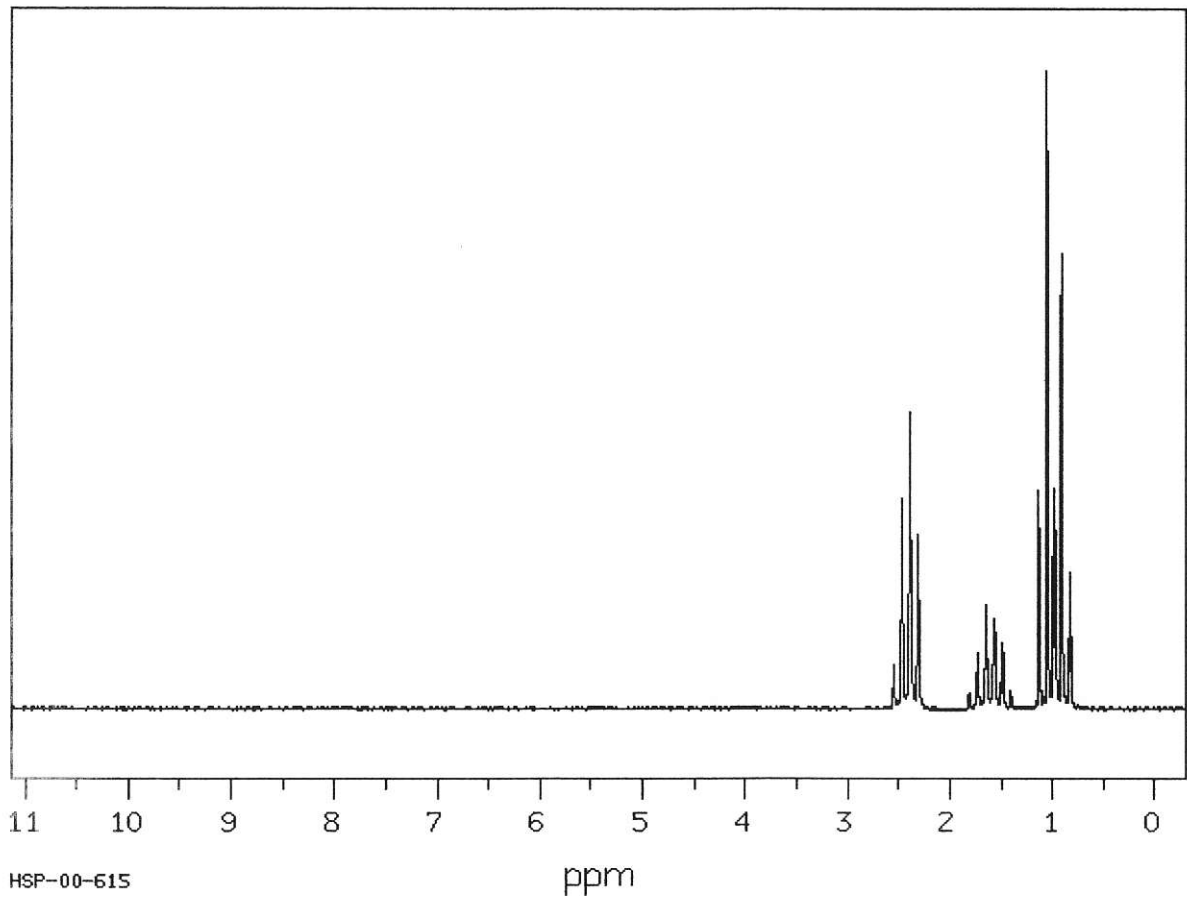




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