

6. Industrial Applications of Homogeneous Catalysis, Editors: **Mortreux, A., Petit, F.** (Eds.) Springer, 1988
7. Louis S. Hegedus, Björn C. G. Söderberg Transition Metals in the Synthesis of Complex Organic Molecules Björn C. G. Söderberg, Springer 1994.
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ICP 507: SYSTEMATIC QUALITATIVE ANALYSIS AND IDENTIFICATION OF ORGANIC COMPOUNDS

Course Objectives:

- To learn separation and estimation of binary mixture.
- To understand the identification of organic compounds by using spectroscopic technique such as ^1H -NMR, FT-IR, MASS, ^{13}C -NMR.

1. Separation and estimation of binary mixtures.
2. Structural elucidation of organic compounds by spectroscopic techniques.

Course Outcomes:

- Students learn about separation and estimation of binary mixtures
- Students can able to identify functional groups and determine the structure of organic compounds by spectroscopic techniques.

References:

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