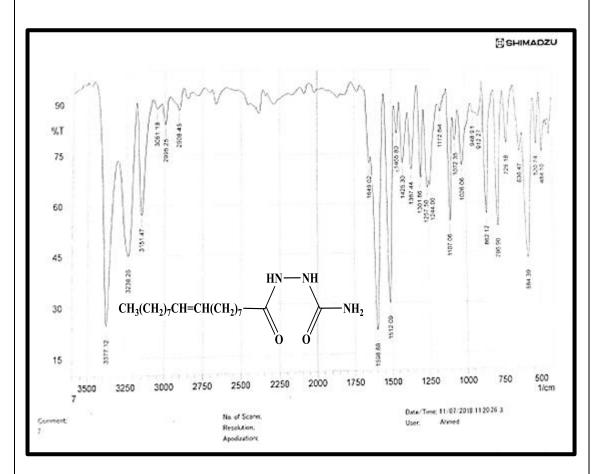
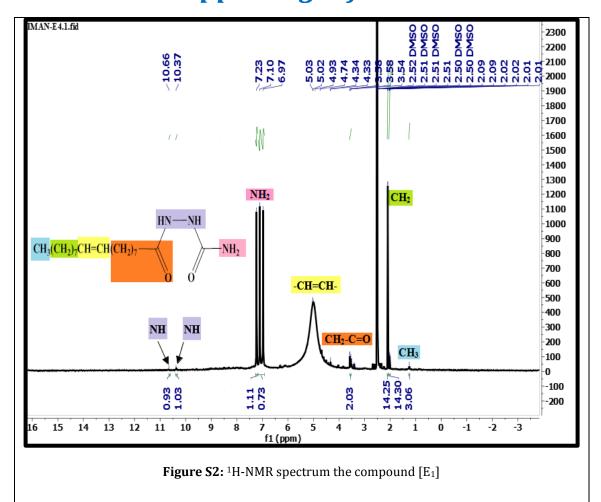
Preparation and Characterization and Thermal Study of New Copolymers of Semicarbazide and Fatty Acids Derivatives with Malic Anhydride and Assess their Biological Activity

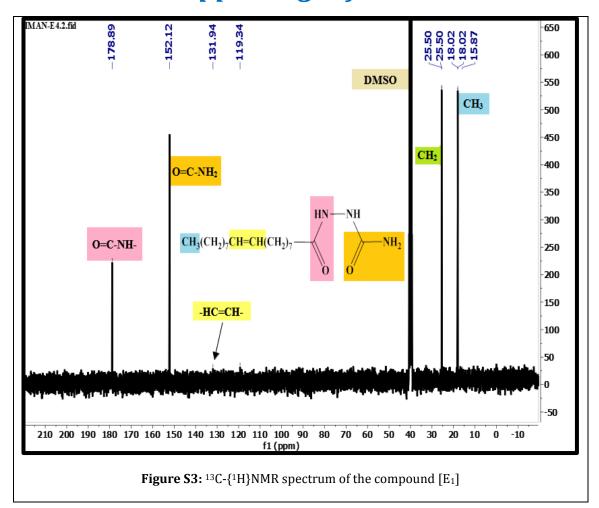
Iman Aywob Yass\*®

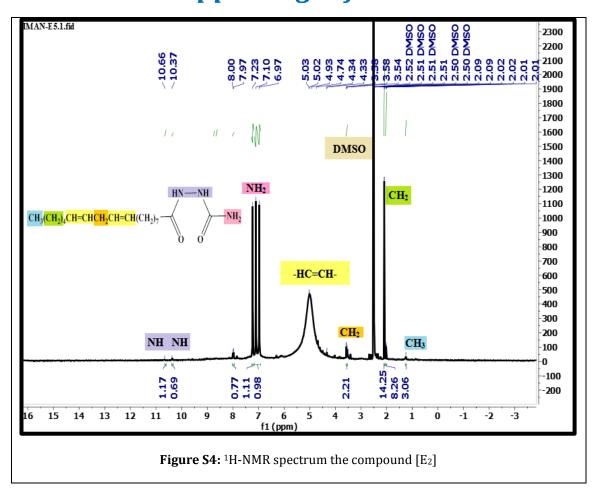
Department of Chemistry, College of Education for Women, University of Tikrit, Tikrit, Iraq

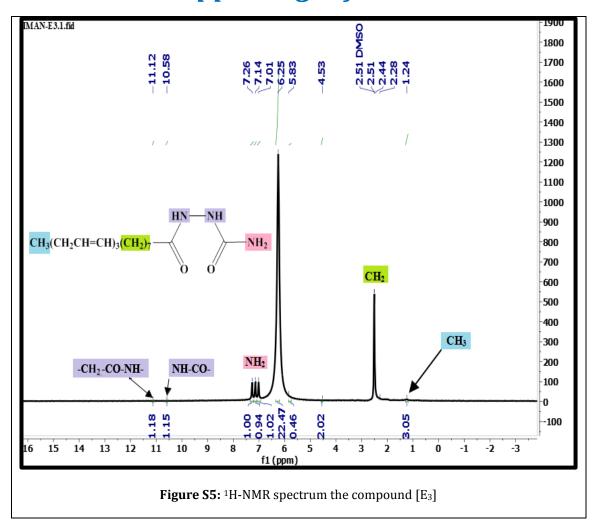


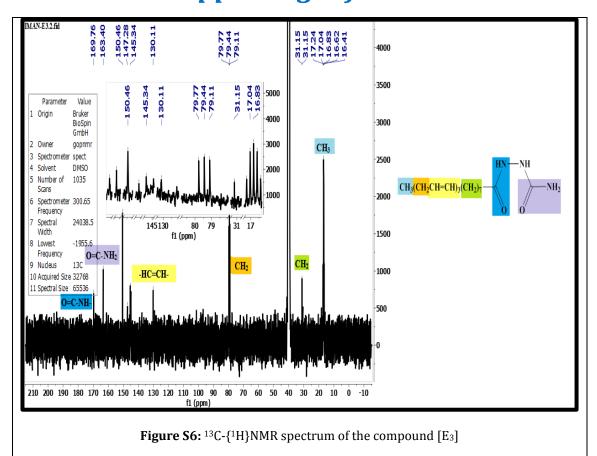
**Figure S1:** Infrared spectrum of  $[E_1]$ 

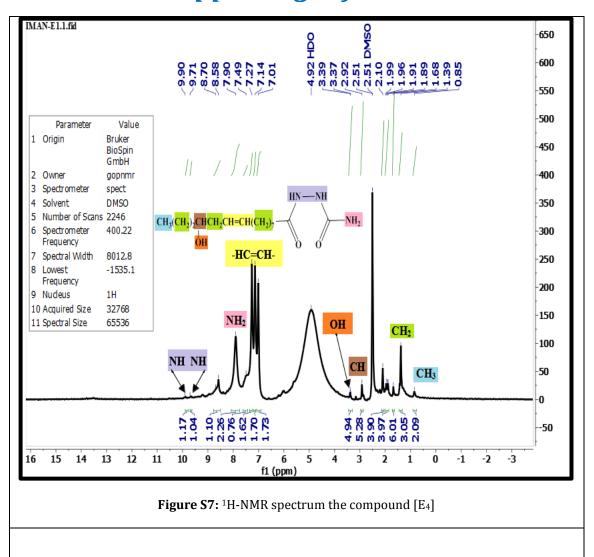


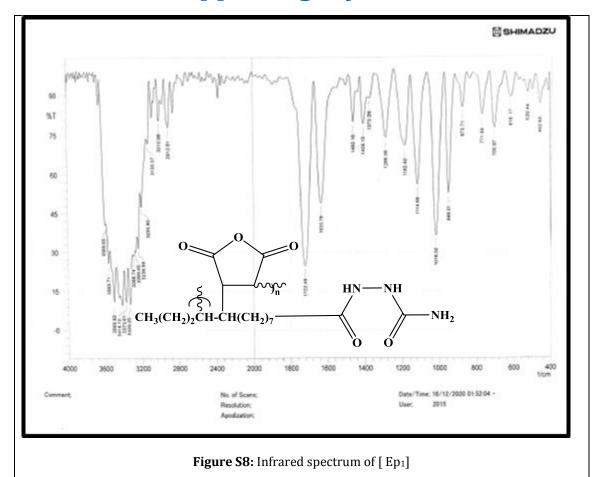












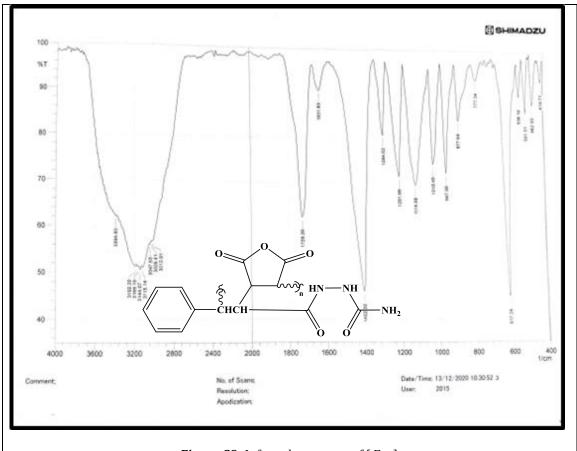


Figure S9: Infrared spectrum of [ Ep5]

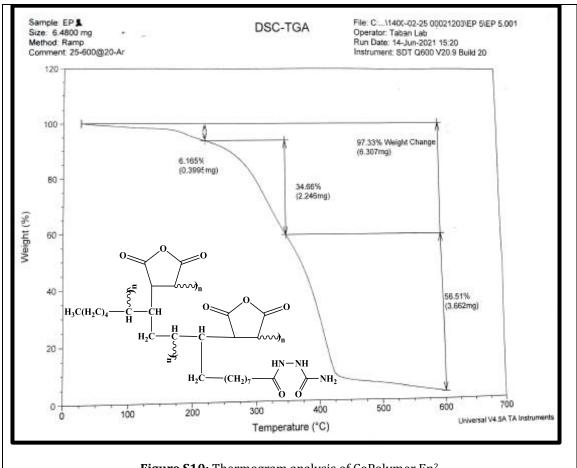
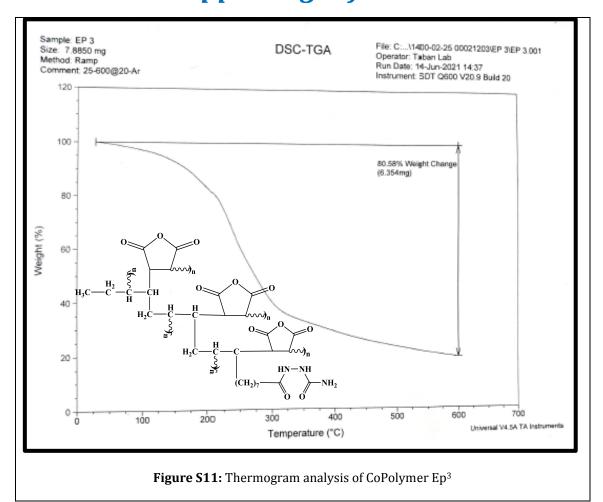


Figure S10: Thermogram analysis of CoPolymer Ep<sup>2</sup>



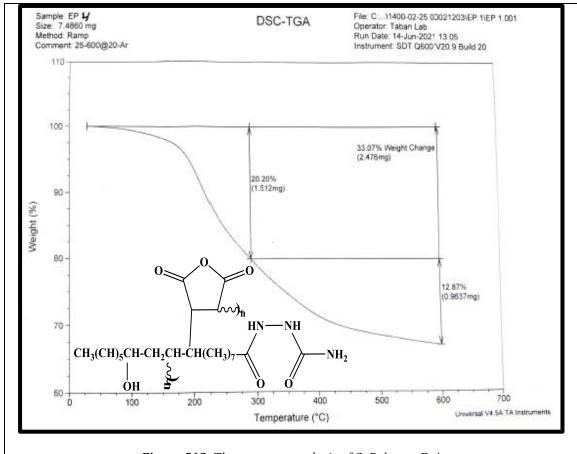


Figure S12: Thermogram analysis of CoPolymer Ep<sup>4</sup>

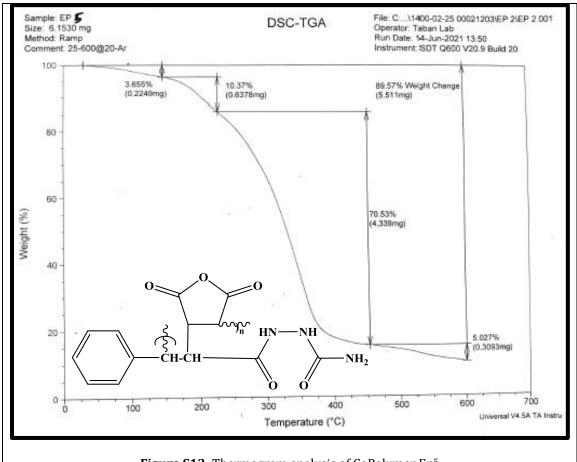


Figure S13: Thermogram analysis of CoPolymer Ep<sup>5</sup>