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Characterization and biological activities of some colored food additive complexes

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¹ & KHPLVWU\ 'HSDUWPHQW)DFXOW\ RI 6FLHQFH \$OH[DQQULD 8QLYHUVLW\ (J\SW

² & KHPLVWU\ 'HSDUWPHQW)DFXOW\ RI 6FLHQFH 'DPDQKXU 8QLYHUVLW\ (J\SW

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This study aims at improving the safety profile and hazardous effects of colored food additive ligation due to chemical interaction with heavy metal ions, and predicting the hazard. The study based in mixing of 0.01 M of each ligand and the same weights of metal chlorides⁺(CrMn⁺⁺, Fe⁺⁺, Co⁺⁺, Ni⁺⁺, Cu⁺⁺, Zn⁺⁺ and Cd⁺). The study was conducted in the Regional Joint Lab, Al Beheira Governorate, Ministry of Health, Egypt. The study was supported by the Ministry of Health, Egypt.