In this study, clathrate of benzoic acid-tetracyanonickel, given by the formula \( \text{M(benzoic acid)}_2\text{Ni(CN)}_4 \cdot (1,4\text{-dioxane}) \) (\( \text{M} = \text{Ni, Cd and Co} \)), is obtained for the first time through chemical methods. The similarities of the observed spectra indicate that the obtained clathrate of benzoic acid-tetracyanonickel is a new example of Hofmann-type clathrates. – PACS numbers: 33.20.Ea, 33.20.Tp

**Key words:** Inclusion Compounds; Benzoic Acid (BA); Infrared Spectroscopy (IR); Hofmann-type Clathrate.