

## Complex compounds with mixed ligands.

### III. Complex compound of zinc and iron with *p*-diaminobenzene and thiosulfate

Anca DUMBRAVA<sup>a</sup> and Rodica OLAR<sup>b</sup>

<sup>a</sup>*Department of Chemistry, "Ovidius" University of Constanța, 124 Mamaia Blvd. 900527, Romania*

<sup>b</sup>*Department of Inorganic Chemistry, University of Bucharest, 23 Dumbrova Rosie Street, Romania*

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**Abstract** The paper presents synthesis and analysis of a complex compound of zinc and iron with *p*-diaminobenzene and thiosulfate ion as ligands, which can be a precursor for a complex sulfide. On the basis of chemical analysis, electronic and IR spectra the complex compound was formulated as [Zn<sub>2</sub>Fe<sub>2</sub>(pdab)<sub>3</sub>(S<sub>2</sub>O<sub>3</sub>)<sub>4</sub>(H<sub>2</sub>O)<sub>6</sub>].

*Keywords:* zinc, iron, complex compounds, *p*-diaminobenzene, thiosulfate.

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