

CONFERENCE ON THE CHEMISTRY AND APPLICATION OF FORMAZANS

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The Second Scientific-Technical Conference on the Chemistry and Application of Formazans was held in Sverdlovsk on November 21-22, 1974. The conference was organized by the S. M. Kirov Ural Polytechnic Institute and the Institute of Chemistry of the Ural Scientific Center of the Academy of Sciences of the USSR together with the Sverdlovsk regional board of administration of the D. I. Mendeleev All-Union Chemical Society and the Center of Technology of the Scientific and Technical Society.

Scientists from Sverdlovsk, Moscow, Rostov, Kazan, Saransk, Leningrad, and Chernovtsy participated in the conference. Forty communications by ~90 authors were reflected in the summaries of the papers. Twenty-three papers, three of which were plenary papers, were heard and discussed at the conference. The papers were devoted to problems involved in research on the synthesis, structure, and properties of aryl- and hetarylformazans and their complexes with metals and the application of formazans in analytical chemistry, histochemistry, and other fields of science and technology.

The promising character of formazans as analytical reagents, as dyes with photo- and thermochromic properties, and as starting compounds for the preparation of tetrazolium salts and verdazyls was noted in the papers and addresses.

In view of the large demand for certain formazans (for example, benzazolyformazans) that have become an integral part of the practice of analytical chemistry, the conference noted the necessity for the organization of the industrial processing of these compounds in the chemical-reagent branches with the participation of the All-Union Scientific-Research Institute of Chemical Reagents and Ultrapure Chemical Substances.

The conference participants adopted a resolution to hold the third conference in 1977-1978 in Sverdlovsk.

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