

THE CHEMISTRY OF PLUTONIUM

J. M. CLEVELAND

The Dow Chemical Company
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Analytical Chemistry Of Plutonium

Ian Pickup



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Analiticheskai[a] Khimii[a] Plutonii[a] Institut geokhimii i analiticheskoi khimii im. V.I. Vernadskogo, Margarita Stepanovna Miliukova, 1969 *Analytical Chemistry of Plutonium*, 1965 *Analytical Chemistry of Plutonium* M. S. Milyukova, 1967 *Analytical Chemistry of Plutonium* Akademija nauk SSSR., 1967 *Chemical Analyses of Plutonium and Plutonium Alloys* Rose Kraft, 1962 **Analytical Chemistry of Plutonium [by] M.S. Milyukova [and Others]**. Institut geokhimii i analiticheskoi khimii im. V.I. Vernadskogo, Margarita Stepanovna Milyukova, I. G. Sentjurin, 1967

Аналитическая Химия Плутония. Analytical Chemistry of Plutonium. By M.S. Milyukova, N.I. Gusev, I.G. Sentyurin, and I.S. Sklyarenko. Translated by J. Schmorak M. S. MILYUKOVA, N. I. GUSEV (Writer on Chemistry.), J. Schmorak, I. G. Sentyurin, I. S. SKLYARENKO, 1969 **Analytical Chemistry of Transplutonium Elements** Boris Fedorovich Mi[soedov], 1974

General information on the transplutonium elements History of discovery and methods of production Isotopes and their properties Chemical analytical characteristics of transplutonium elements and their compounds Production and properties of the metals Behavior of ions of transplutonium elements in aqueous solutions Detection and determination of transplutonium elements Radiometric method Spectrophotometric methods Isolation and separation of transplutonium elements Separation by precipitation with inorganic and organic reagents Determination of Impurities in preparations of transplutonium elements *Plutonium Abstracts*, 1964 *The Analytical Chemistry of Americium Experiments in Separation from Plutonium and Fission Products* G.A. Welch M. Ward, 1953 **Design Concepts for an Analytical Chemistry Laboratory to Support Plutonium Processing**, 1990 **Anion Exchange Method for the Determination of Plutonium in Water** Carl Thomas Bishop, 1978 *Journal of Analytical Chemistry of the USSR*, 1973

Analytical Chemistry in Nuclear Reactor Technology Conference on Analytical Chemistry in Nuclear Reactor Technology, **The Spectrographic Determination of Cesium in Plutonium Metal** E. Vejvoda, 1964 A spectrographic photometric procedure has been developed for the determination of cesium in plutonium metal *The Spectrophotometric Determination of Cerium in Plutonium* Maynard E. Smith, 1956 **Analytical Chemistry in Nuclear Fuel Reprocessing** William S. Lyon, Oak Ridge National Laboratory. Analytical Chemistry Division, 1978 **Analytical Chemistry**, 1970 Vol 1 comprises a selection of the papers presented at the 2nd UN Conference on the Peaceful Uses of Atomic Energy held in Geneva **Treatise on Analytical Chemistry: Analytical chemistry of the elements (Analytical chemistry of inorganic and organic compounds)** v Izaak Maurits Kolthoff, Philip J. Elving, 1962 **Analytical Method for In-line Plutonium Analyses** Robert F. Overman, 1961

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