

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON 25, D. C.

PROVISIONAL CERTIFICATE

STANDARD SAMPLE 950

URANIUM OXIDE (U_3O_8)

Uranium oxide (U_3O_8) ----- 99.9₄ percent

This standard is intended to provide a material of known uranium content. The material should be freshly ignited before use. The indicated value is based on material heated at 900° C for one hour in an open crucible and cooled in a desiccator.

The recommended value is based on data obtained in a cooperative analytical program directed by the New Brunswick Laboratory of the Atomic Energy Commission. All assays were based on National Bureau of Standards Standard Potassium Dichromate 136 or 136a. The indicated value is the average of the results from four laboratories.

E. WICHERS, Chief
Division of Chemistry

October 1, 1958