

U. S. DEPARTMENT OF COMMERCE

NATIONAL BUREAU OF STANDARDS

Provisional Certificate

of

STANDARD SAMPLE 136A

POTASSIUM DICHROMATE
(Oxidimetric Standard)

Purity on Basis of Effective Oxidizing Power - - - - - 99.99 Per cent

This lot of potassium dichromate was prepared to insure material of high purity and uniformity. It meets the American Chemical Society's specification for analytical reagent grade material, but is certified only with respect to its oxidizing powers.

Drying. The sample, as issued, shows less than 0.005 per cent loss in weight when dried at 110°C. for several hours. If the crystals are crushed to about 100 mesh and dried for 20 hours at 240° C., the loss on drying approximates 0.02 per cent.

(Signed) EDWARD WICHERS, Chief
Division of Chemistry

July 16, 1953
Washington, D.C.

USCOMM-NBS-DC