

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

PROVISIONAL CERTIFICATE

of

STANDARD SAMPLE 136b

POTASSIUM DICHROMATE  
(Oxidimetric Standard)

Purity on Basis of Effective Oxidizing Power-----99.98 percent

This lot of potassium dichromate was prepared to insure material of high purity and uniformity. It conforms to the American Chemical Society specification for analytical reagent grade material, but should not be considered as entirely free from traces of impurities.

The value for oxidizing power is consistent with that assigned the previous lots 136 and 136a. Due to several possible changes in atomic weights, particularly for chromium, a final certificate value will not be assigned at the present time.

The sample as issued does not lose over 0.002 percent in weight on drying up to 24 hours at 105° C. The assay value, for the present, is based on the material as issued.



H. C. Allen, Acting Chief  
Analytical & Inorganic Chemistry  
Division

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