

UNITED STATES DEPARTMENT OF COMMERCE
WASHINGTON

National Bureau of Standards

Certificate

Standard Sample 49d

Lead

Pyrometric Standard

Melting Point or Freezing Point on the
International Temperature Scale

327.4₀°C.

The melting point given above is that of selected samples from lot 49d. The agreement among the samples tested indicates that the lot is homogeneous within a few thousandths of a degree in melting point. The above value is not necessarily the same as the melting point of pure lead.

Full details of the precautions that should be observed in freezing-point determinations are given in National Bureau of Standards Journal of Research 14, 247, 1935 (RP768). The International Temperature Scale of 1948 is described in the Journal of Research of the National Bureau of Standards, 42, 209, 1949 (RP1962).

The metal for the preparation of this standard was supplied by the National Lead Co., Brooklyn, N. Y.

A. V. ASTIN, *Director.*

WASHINGTON 25, D. C., March 20, 1953.