

U. S. DEPARTMENT OF COMMERCE
WASHINGTON

National Bureau of Standards

Certificate

Standard Temperature Sample 45b

Copper

Melting Point or Freezing Point on the International Temperature Scale of 1948

1083.₁° C

Provided the metal is protected from oxidation and contamination.

The melting point given above is that of the sample issued under this certificate, and is not to be taken as the melting point of the absolutely pure metal.

Full details of the precautions that should be observed in freezing-point determinations are given in National Bureau of Standards Research Paper RP768 (10 cents a copy). The International Temperature Scale of 1948 is described in National Bureau of Standards Research Paper RP1962 (10 cents a copy). Differences between the International Temperature Scales of 1948 and 1927 are given in National Bureau of Standards Research Paper RP2014 (5 cents a copy). These papers may be purchased from the Superintendent of Documents, Washington 25, D. C., at the prices indicated.

The material for this standard was furnished by the International Smelting & Refining Co., and Anaconda Sales Co.

E. U. CONDON, *Director*.

WASHINGTON 25, D. C., December 15, 1949.