

UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON 25, D. C.

National Bureau of Standards Certificate

Standard Sample 43 g

Zinc

Pyrometric Standard

Freezing Point on the
International Temperature Scale (1948)

419.50°C

The freezing point given above is that of a representative sample from lot 43 g. It is not necessarily the same as the freezing point of pure zinc. It is estimated that the uncertainty in the freezing point does not exceed ± 0.02 degree.

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 New Jersey Zinc Company, Palmerton, Pa.

A. V. ASTIN, *Director.*

WASHINGTON 25, D. C., October 31, 1957.

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