

U. S. Department of Commerce
Alexander B. Trowbridge

Secretary

National Bureau of Standards
H. G. Schoonover, Acting Director

Certificate of Analysis

Standard Reference Material 148

Nicotinic Acid

This Standard Reference Material is certified by the National Bureau of Standards for use in checking microdeterminations of carbon, hydrogen, and nitrogen. The absolute purity of the standard has not been established, but titrimetric assay indicates a purity of 99.99 ± 0.08 percent. Thin-layer chromatographic analysis does not show the presence of any significant impurities. Microchemical determinations yielded values that check the theoretical composition within experimental limits of error. It is recommended that the theoretical percentages be used, namely:

Carbon.....	58.54
Hydrogen.....	4.09
Nitrogen.....	11.38

PROVISIONAL

WASHINGTON, D.C. 20234
September 1, 1967

W. Wayne Meinke, Chief
Office of Standard Reference Materials