

# 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  $99.99 \pm 0.08$  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

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Office of Standard Reference Materials