

U. S. DEPARTMENT OF COMMERCE

NATIONAL BUREAU OF STANDARDS

CERTIFICATE OF ANALYSIS

MICROCHEMICAL STANDARD 140a

BENZOIC ACID

This benzoic acid was prepared for use in checking micro-determinations of carbon and hydrogen. The absolute purity of the standard has not been established, but macrodeterminations yielded values for carbon and hydrogen that check the theoretical composition within the limits of experimental error.

It is recommended that the theoretical percentages be used, namely, carbon (68.84 percent) and hydrogen (4.95 percent). Tests indicate that the material is non-hygroscopic under ordinary conditions and can be used without preliminary drying.

(Signed) E. WICHERS, Chief
Division of Chemistry

Washington, D. C.
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