

U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
PROVISIONAL CERTIFICATE
for
MICROANALYTICAL STANDARD 141
ACETANILIDE

(For use in determinations of nitrogen, carbon, and hydrogen.)

This acetanilide was specially prepared at the National Bureau of Standards for use in checking micro determinations of nitrogen, carbon, and hydrogen. Final tests on the purity of the sample have not been completed, but the freezing point and other tests indicate a mole percent purity of 99.90 percent. For micro-chemical determinations the theoretical percentages for nitrogen (10.36), carbon (71.09), and hydrogen (6.70) are recommended.

Tests indicate that the material is non-hygroscopic under ordinary conditions and can be used without preliminary drying.

(Signed) LYMAN J. BRIGGS, Director.
G.E.F.L.

Washington, D.C.

May 13, 1942