

U. S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS  
WASHINGTON  
PROVISIONAL CERTIFICATE  
FOR  
MICROANALYTICAL STANDARD 145  
2-Iodobenzoic Acid  
( $\text{IC}_6\text{H}_4\text{COOH}$ )

This standard was specially purified at the National Bureau of Standards for use in checking microanalytical determinations of iodine. The absolute purity of the standard has not been established as yet, but macroanalytical determinations yield values that check the theoretical value for iodine within the limits of experimental error.

It is therefore recommended that the theoretical percentage be used, namely, iodine, 51.17 percent.

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

(Signed) E. U. CONDON, Director.  
G.E.F.L.

Washington, D. C.  
August 12, 1946.