

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON
PROVISIONAL CERTIFICATE
FOR
MICROANALYTICAL STANDARD 144
2-Chlorobenzoic acid
(ClC₆H₄COOH)

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

It is therefore recommended that the theoretical percentage be used, namely, chlorine, 22.65 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