

U. S. Department of Commerce
National Bureau of Standards
Washington

Provisional Certificate
of Analysis of

Standard Sample 29a

Magnetite Iron Ore (dried at 105°C)

<u>Constituent</u>	<u>Percent</u>
SiO ₂	2.86
Al ₂ O ₃	0.46
TiO ₂	0.15
Fe (total).....	69.54
FeO*.....	28.10
Fe ₂ O ₃ (calculated).....	68.20
Cr ₂ O ₃	0.002
V ₂ O ₃	0.002
MnO.....	0.03
CaO.....	0.096
MgO.....	0.095
P ₂ O ₅	0.007

*Value obtained by the modified Pratt Method (titration in the presence of boric acid).

(Signed) LYMAN J. BRIGGS, Director.

Washington, D. C.

July 26, 1939.