

Department of Commerce and Labor

Bureau of Standards
Certificate

OF

ANALYSES OF STANDARDIZED IRON

SAMPLE D. THIRD SET #6

ANALYST.	TOTAL CARBON.	GRAPHITE.	COMBINED CARBON.	SILICON.	TITANIUM.	PHOSPHORUS, GRAVIMETRIC.	PHOSPHORUS, PERMANGANATE TITRATION.	PHOSPHORUS, ALKALI TITRATION.	SULPHUR, TOTAL BY OXIDATION.	SULPHUR, EVOLVED AS HYDROGEN SULPHIDE.	MANGANESE.
John R. Cain, Bureau of Standards....	2.86	2.33	0.53	2.68	0.152	-----	0.598	-----	0.032	0.027	1.38
Booth, Garrett & Elair, Philadelphia.	2.87	2.20	0.67	2.66	0.130	0.589	-----	-----	0.035	0.028	1.43
Cremer & Case, Cleveland.....	2.92	2.23	0.69	2.61	-----	0.606	-----	-----	0.038	0.025	1.42
Andrew S. McCreath & Son, Harrisburg.	2.90	2.27	0.63	2.61	0.126	0.604	-----	-----	0.031	0.026	1.42
Albert W. Smith, Cleveland.....	2.88	2.22	0.66	2.64	0.123	0.605	0.606	0.603	0.038	0.030	1.42
AVERAGE	2.89	2.25	0.64	2.64	0.133	0.601	0.602	0.603	0.035	0.027	1.41

Director.

Test No. _____

In charge of Analyses.

Washington, D. C.