

U.S. DEPARTMENT OF COMMERCE
WASHINGTON 25, D.C.

National Bureau of Standards
Certificate of Analyses

Standard Sample 166B
Low-Carbon Stainless Steel

Analyst	Method	Carbon
1	Combustion-conductometric ^a	<i>Percent</i> 0.019 ₄
4	Combustion-conductometric ^b.....	.019 ₃
5	Combustion-conductometric ^b.....	.019 ₃
6	Combustion-conductometric ^b.....	.018 ₉
7	Combustion-conductometric ^b.....	.018 ₄
9	Combustion-conductometric ^a.....	.020 ₄
10	Combustion-conductometric ^b.....	.019 ₉
11	Combustion-conductometric ^b.....	.019 ₀
12	Combustion-conductometric ^b.....	.018 ₉
2	Combustion-gravimetric ^c.....	.018 ₆
2	Combustion-gravimetric ^d.....	.018 ₇
3	Combustion-gravimetric ^e.....	.019 ₇
3	Combustion-gravimetric ^d.....	.019 ₁
7	Combustion-gravimetric ^e.....	.018 ₃
9	Combustion-gravimetric ^e.....	.018 ₅
8	Combustion-gasometric ^b.....	.018 ₇
	Average.....	0.019 ₁

^a 0.5 g Sample.
^b 1-g Sample.
^c Five 2.73 (13.64g) Samples.

^d Factor weight (2.73g) Sample.
^e Double factor weight (5.45g) Sample.

List of Analysts

1. Ferrous Laboratory, National Bureau of Standards. J. I. Shultz, in charge. Analysis by T. W. Freeman.
2. W. J. Boyer, C. R. Bortner and R. E. Hostler, Armco Steel Corp., Baltimore Works, Baltimore, Md.
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6. K. H. Storks and F. W. Ryan, Bell Telephone Laboratories, Inc., Murray Hill, N.J.
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