

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON

Provisional Certificate
of Analysis of
Standard Sample 167
Heat-Resisting Alloy
(S-816)

	<u>Percent</u>
Carbon - - - - -	0.38
Manganese - - - - -	1.64
Phosphorus - - - - -	0.010
Sulfur - - - - -	.007
Silicon - - - - -	.44
Copper - - - - -	.03
Nickel - - - - -	20.65
Cobalt - - - - -	42.90
Iron - - - - -	2.13
Chromium - - - - -	20.00
Vanadium - - - - -	0.01
Molybdenum - - - - -	3.90
Tungsten - - - - -	4.50
Niobium - - - - -	3.15
Tantalum - - - - -	.08

Washington, D. C.
October 18, 1954



Edward Wichers, Chief
Division of Chemistry