

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

Provisional Certificate
of Analysis of
Standard Sample 168
Heat-Resisting Alloy
(S-816)

	<u>Percent</u>
Carbon - - - - -	0.37
Manganese - - - - -	1.50
Phosphorus - - - - -	.008
Sulfur - - - - -	.005
Silicon - - - - -	.80
Copper - - - - -	.035
Nickel - - - - -	20.25
Cobalt - - - - -	41.20
Iron - - - - -	3.43
Chromium - - - - -	20.33
Vanadium - - - - -	.03
Molybdenum - - - - -	3.95
Tungsten - - - - -	3.95
Niobium (Columbium) - - - - -	2.95
Tantalum - - - - -	.95
Titanium - - - - -	.06

Washington, D.C.
January 12, 1956

(Signed) Edward Wichers, Chief
Division of Chemistry