

Certificate of Analysis

Standard Reference Material 1121, C1121,
 1122, C1122, 1123, C1123

Beryllium-Copper Standards

NBS No. ^a	1121 _b	^b C1121	1122 C1122	1123 C1123
<i>Element</i>	<i>Percent</i>			
Beryllium	1.89	1.92	1.75	0.46
Iron	0.08 ₅	0.08 ₅	0.16	.04
Silicon	.11	.11	.17	.03
Aluminum	.07	.07	.17	.02
Cobalt	.29 ₅	.29 ₅	.22 ₀	2.3 ₅
Tin	.01	.01	(.01)	(.01)
Lead	(.002) ^c	(.002)	(.003)	(.001)
Zinc	(.01)	(.01)	(.01)	.01
Nickel	.01 ₂	.01 ₂	(.01)	(.01)
Chromium	(.002)	(.002)	(.002)	(.001)
Manganese	(.00 ₄)	(.00 ₄)	(.00 ₄)	(.00 ₂)
Silver	(.00 ₅)	(.00 ₅)	(.00 ₅)	(.00 ₉)
Phosphorus	(.00 ₅)	(.00 ₅)	(.00 ₄)	(.00 ₂)
Copper	97.4 ₉	97.4 ₆	97.4 ₅	97.1 ₀

^a Size and metallurgical condition: 1100 series are wrought samples 1¼ in. in diameter, ¼ in. thick; C1100 series are chill-cast samples 1¼ in. square, ¼ in. thick.

^b Small differences in the copper and beryllium contents make necessary the separate analysis of the wrought and chill-cast material for this standard.

^c Values in parenthesis are not certified, but are given for information on the composition.