



CUPRUM, S.A. DE C.V.
QUALITY TEST CERTIFICATION
QUALITY ASSURANCE DEPARTMENT

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Invoice: MM210889	Date: July 22th 2022
T	ID No.: 308730
Subject: Chemical Analysis and Mechanical Properties Certification	

We Certify that the material covered by this report has been inspected and tested in accordance with the international specification ASTM B221 / ASTM B 317 Standard regarding on alloy and temper and meet the applicable requirements described herein.

Customer P.O.	Order	No.	Die	Description
602730	SN317209	2	17486	BarraR .375

Alloy	Templer	Length	Pieces	Cust. P.N.
6063	T05	6.095	440	

Chemical Composition	Cr	Cu	Fe	Mg	Mn	Si	Ti	Zn	Al
HEAT No. 111913	0.0060	0.0321	0.2230	0.5030	0.0200	0.4270	0.0096	0.0167	98.70000

Mechanical Properties		Std Min	Test Result
		16 Ksi	28.3 Ksi
Yield Strength		22 Ksi	31.9 Ksi
Tensile Strength		8 %	18.0 %
Elongation			

* CONCENTRATIONS ARE GIVEN IN % OF WEIGHT

- 1.- The material met the composition limits and mechanical properties in accordance to ASTM standard.
- 2.- These certified values are based on the standard of reference by the optical emission spectrometric method.
- 3.- According to the method used on the analysis, the result can present small variations the yield strength is Determinated by 0.2% Offset Method.


 Quality Control Department

FOS-GCS-010(1)