



## Grandview Materials Inc.

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### CERTIFICATE OF ANALYSIS

#### FOR

#### TANTALUM PLATE WITH 10% TUNGSTEN

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P/O No.: xxx169	SIZE: .250" x 8.0" x 18.0"
LOT No.: HTW 11306208	QUANTITY: 12 PIECE(S)
SPECIFICATION: ASTM B B708 RO5255	TEMPER: ANNEALED

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#### 1. CHEMICAL ANALYSIS (% WT)

C	0.0042	Ni	0.0015
N	0.0026	Si	0.0032
O	0.0098	Ti	0.0012
H	0.0010	W	10.05
Fe	0.0036	Nb	0.056
Mo	0.0035	Ta	REMAINDER

#### 2. TOLERANCES

THICKNESS (.250") DEVIATION	± 0.010"
WIDTH (8.0") DEVIATION	± 0.025"
LENGTH (18.0") DEVIATION	+0.05"/-0.00"

#### 3. MECHANICAL PROPERTIES

TENSILE STRENGTH (ksi min)	76
YIELD STRENGTH (ksi min)	64
ELONGATION (% min)	16

WE HEREBY CERTIFY THAT THE ABOVE PRODUCT IS CONFORMING TO THE SPECIFICATIONS, AND THERE IS NO MATERIAL ORIGINATED FROM DRC OR ADJOINING COUNTRIES IN AFRICA.