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BAOJI TITANIUM INDUSTRY CO., LTD



## MILL TEST CERTIFICATES

NO: C201335087-2

DATE: Jun. 8, 2013

BAOTI's management system has been approved according to the requirement of AS9100, ISO9001, ISO14001 and OHSAS 18001.

Po. No.:#32498

Commodity :	TITANIUM 6AL-4V SHEET	Finish : ANNEALED
Specification :	MIL-T-9046J/AMS4911M/DMS1592G/ASTMB265-10/AMS-T-9046B, Ti-6Al-4V	

Size [inch]	Heat No.	Quantity [pc]	Net Weight [lbs]	Lot No.
0.050" x 36" x 120"	20120353	57	2032.63	12031004

Requirement	Chemical Composition (WT. %)											
	Ti	Al	V	Fe	C	N	Y	O	H	Residual element		
Remainder	5.50~	3.50~	≤	≤	≤	≤	≤	≤	≤	Each	Total	
	6.75	4.50	0.30	0.08	0.05	0.005	0.20	0.015	≤0.10	≤0.40		
Result	Top	Remainder	6.30	4.21	0.14	0.01	<0.01	<0.005	0.11	0.003	<0.10	<0.40
	Bottom	Remainder	6.28	4.22	0.14	0.01	<0.01	/	0.11	0.003	<0.10	<0.40

Requirement	Tensile test		
	Tensile Strength [MPa]	Yield Strength 0.2% [MPa]	Elongation [%]
	924MIN.	869MIN.	10MIN.
Result	T	1020/1015	975/1010
	L	1030/1030	995/970

Other Test		
Visual Inspection	Dimensional Inspection	Bend Test (105°C)
ACCEPTABLE	ACCEPTABLE	ACCEPTABLE
Micro/Macrostructure	Surface Contamination Test	
ACCEPTABLE	ACCEPTABLE	

I hereby certify this product conforms to ALL specifically listed technical requirements, and other requirements for these specifications. Furthermore, I certify the above stated quantitative results were derived from testing and analysis, and are in accordance with the referenced specification(s) requirements. No mercury contamination and radio-activity.

Note:

1. H、O ----- Product analysis.
2. Heat treatment: 820°C/30'

QUALITY DEPARTMENT