



鹤山市沃得钨钼实业有限公司  
HESHAN WODE TUNGSTEN & MOLYBDENUM CO., LTD

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### CERTIFICATE OF ANALYSIS AND WEIGHT

MATERIAL: TUNGSTEN ELECTRODE		SIZE: WL15 1.0x175mm 1.6x175mm	
LOT NO. : V032			
CHEMICAL DATE			
ELEMENT	% MAX	ELEMENT	% MAX
W	The rest	La <sub>2</sub> O <sub>3</sub>	1.51
Al	0.0010	Ni	0.0020
Si	0.0020	P	0.0010
Mg	0.0010	Ca	0.0020
Cu	0.0007	Mo	0.0050
Fe	0.0050	C	0.0050
PHYSICAL DATE			
FINISH: 100% GROUND FINISHED			
TOLERANCE	DIAMETER	± 0.03 mm	100% PASS
	LENGTH	± 0.5mm	100% PASS
ITEM		QUALIFIED RATE OF INSPECTION	
STRAIGHTNESS		100%	
CRACK DETECTION		100%	
STRENGTH (DROP TEST)		PASS	
ALL MEET TO ISO6848-2004E STANDARD AND ANSI/AWS A5.12M-98 STANDARD			
PRODUCER		STAMP	
HESHAN WODE TUNGSTEN&MOLYBDENUM CO., LTD			