


### Certification Of Analysis

<b>Product</b>	CrB <sub>2</sub> Powder (50-150um)				
<b>Number</b>	HW-B-20220715-02				
<b>Analysis Project</b>	Impurity element content				
<b>Analytical Technique</b>	Inductively Coupled Plasma/Elemental analyzer				
<b>Test Result</b>	Chemical composition	Test Standards		Test Result	
	<b>B</b>	27.8-29.3		29.2	
	<b>C</b>	≤0.10		0.08	
	<b>O</b>	≤0.50		0.45	
	<b>N</b>	≤0.10		0.03	
	<b>Fe</b>	≤0.05		0.05	
	<b>Ta</b>	≤0.005		0.0005	
	<b>Nb</b>	≤0.001		0.0005	
	<b>W</b>	≤0.005		0.0020	
	<b>Cd</b>	≤0.001		0.0005	
	<b>Cu</b>	≤0.005		0.0003	
	<b>Ni</b>	≤0.001		0.0003	
	<b>Mo</b>	≤0.001		0.0008	
	<b>Si</b>	≤0.005		0.0010	
	<b>Mn</b>	≤0.001		0.0003	
	<b>Mg</b>	≤0.001		0.0010	
	<b>particle size</b>	< 50um	≤ 5%	< 50um	4.5%
	50-150um	≥ 90%	50-150um	91.6%	
	> 150um	≤ 5%	> 150um	3.9%	
<b>Purity</b>	99.5%, XRD > 99.5%				
<b>Testing Department</b>	<b>Test conclusion</b>			Qualified	
	Quality Testing Department				
	<b>Inspector:</b>	LiDong	<b>Authorize:</b>	LiuTian	
<b>Testing Date</b>	2022-07-22				