



Test report of biochar

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Sample information					
Sample name	椰壳炭		Sample weight		
Test elements					
Test Ash			Test Moisture		
Test process			Test process		
Number of test	1	2	Number of test	1	2
Crucible number	A	B	Sample mass	3.505g	3.405g
Crucible mass M ₀ (g)	17.3611g	16.8758g	Moisture(%)	1.68%	1.64%
Sample and crucible mass M ₁ (g)	18.3615g	17.8754g	Average	1.66%	
Sample mass (g) M ₁ -M ₀	1.0004g	0.9996g			
The mass of the crucible and the	17.3947g	16.91g			
Total ash mass N (g) M ₂ -M ₀	0.0336g	0.0342g			
Total ash (%)	3.4%	3.4%			
Calculation	Total ash (%)=100× (M2-M0) / (M1-M0)				
Average	3.39%				
Test volatiles			Test fixed carbon		
Test process			Test summary		
Number of test	1	2	Moisture Mt%	1.66%	
Crucible number	A	B	Analysis moisture Mad%	0.17%	
Crucible mass M ₀ (g)	23.7681g	24.9896g	Ash Aad%	3.39%	
Sample and crucible mass M ₁ (g)	24.7684g	25.9896g	Volatiles Vad%	6.78%	
Sample mass (g) M ₁ -M ₀	1.0003g	1g	SulfurSt.d%		
The mass of the crucible and the total volatiles M2 (g)	24.7008g	25.9216g	Fixed carbon Fcad%	89.67%	
Total volatiles mass N (g)M ₁ -M ₂	0.0676g	0.068g	Coke 1-8 CRC	1	
Total Volatiles (%)	6.8%	6.8%	High calorific value Kcal/kg	8129 Kcal/Kg	
Calculation	Total volatiles (%)=100× (M ₁ -M ₂) / (M ₁ -M ₀)		Low calorific value Kcal/kg	7987 Kcal/Kg	
Average	6.78%				
Noted:The above data is for reference only			Test person:	Check:	