



Test report of biochar

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Sample information					
Sample name	木片炭			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	3.475g	3.165g
Crucible mass M ₀ (g)	17.2057g	16.9046g	Moisture(%)	1.95%	1.86%
Sample and crucible mass M ₁ (g)	18.204g	17.9022g	Average	1.91%	
Sample mass (g) M ₁ -M ₀	0.9983g	0.9976g			
The mass of the crucible and the	17.2221g	16.922g			
Total ash mass N (g) M ₂ -M ₀	0.0164g	0.0174g			
Total ash (%)	1.6%	1.7%			
Calculation	Total ash (%)=100× (M2-M0) / (M1-M0)				
Average	1.69%				
Test volatiles			Test fixed carbon		
Test process			Test summary		
Number of test	1	2	Moisture Mt%	1.91%	
Crucible number	A	B	Analysis moisture Mad%	0.19%	
Crucible mass M ₀ (g)	24.4999g	24.2595g	Ash Aad%	1.69%	
Sample and crucible mass M ₁ (g)	25.4709g	25.25g	Volatiles Vad%	20.68%	
Sample mass (g) M ₁ -M ₀	0.971g	0.9905g	SulfurSt.d%		
The mass of the crucible and the total volatiles M2 (g)	25.2699g	25.0453g	Fixed carbon Fcad%	77.43%	
Total volatiles mass N (g)M ₁ -M ₂	0.201g	0.2047g	Coke 1-8 CRC	1	
Total Volatiles (%)	20.7%	20.7%	High calorific value Kcal/kg	7752 Kcal/Kg	
Calculation	Total volatiles (%)=100× (M ₁ -M ₂) / (M ₁ -M ₀)		Low calorific value Kcal/kg	7590 Kcal/Kg	
Average	20.68%				
Noted:The above data is for reference only			Test person:	Check:	