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Test report of biochar

Date: 2026.04.18

Sender: 靖钊辉

Sample information					
Sample name	EFB-B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	3.18g	3.38g
Crucible mass M ₀ (g)	17.7385g	18.4535g	Moisture(%)	1.88%	1.24%
Sample and crucible mass M ₁ (g)	18.7109g	19.4033g	Average	1.56%	
Sample mass (g) M ₁ -M ₀	0.9724g	0.9498g			
The mass of the crucible and the	17.849g	18.5739g			
Total ash mass N (g) M ₂ -M ₀	0.1105g	0.1204g			
Total ash (%)	11.4%	12.7%			
Calculation	Total ash (%)=100× (M2-M0) / (M1-M0)				
Average	12.02%				
Test volatiles			Test fixed carbon		
Test process			Test summary		
Number of test	1	2	Moisture Mt%	1.56%	
Crucible number	A	B	Analysis moisture Mad%	0.16%	
Crucible mass M ₀ (g)	24.5486g	25.2897g	Ash Aad%	12.02%	
Sample and crucible mass M ₁ (g)	25.4998g	26.2471g	Volatiles Vad%	16.79%	
Sample mass (g) M ₁ -M ₀	0.9512g	0.9574g	SulfurSt.d%		
The mass of the crucible and the total volatiles M2 (g)	25.339g	26.0875g	Fixed carbon Fcad%	71.04%	
Total volatiles mass N (g)M ₁ -M ₂	0.1608g	0.1596g	Coke 1-8 CRC	1	
Total Volatiles (%)	16.9%	16.7%	High calorific value Kcal/kg	6611 Kcal/Kg	
Calculation	Total volatiles (%)=100× (M ₁ -M ₂) / (M ₁ -M ₀)		Low calorific value Kcal/kg	6476 Kcal/Kg	
Average	16.79%				
Noted:The above data is for reference only			Test person:	Check:	