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Test report of biochar

Date: 2026.05.14

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Sample information					
Sample name	EFB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	3.17g	3.19g
Crucible mass M ₀ (g)	17.1691g	17.7169g	Moisture(%)	1.41%	0.62%
Sample and crucible mass M ₁ (g)	18.0886g	18.6644g	Average	1.02%	
Sample mass (g) M ₁ -M ₀	0.9195g	0.9475g			
The mass of the crucible and the	17.3247g	17.8814g			
Total ash mass N (g) M ₂ -M ₀	0.1556g	0.1645g			
Total ash (%)	16.9%	17.4%			
Calculation	Total ash (%)=100× (M2-M0) / (M1-M0)				
Average	17.14%				
Test volatiles			Test fixed carbon		
Test process			Test summary		
Number of test	1	2	Moisture Mt%	1.02%	
Crucible number	A	B	Analysis moisture Mad%	0.10%	
Crucible mass M ₀ (g)	24.1794g	25.1089g	Ash Aad%	17.14%	
Sample and crucible mass M ₁ (g)	25.1576g	26.0753g	Volatiles Vad%	5.84%	
Sample mass (g) M ₁ -M ₀	0.9782g	0.9664g	SulfurSt.d%		
The mass of the crucible and the total volatiles M2 (g)	25.101g	26.0183g	Fixed carbon Fcad%	76.91%	
Total volatiles mass N (g)M ₁ -M ₂	0.0566g	0.057g	Coke 1-8 CRC	1	
Total Volatiles (%)	5.8%	5.9%	High calorific value Kcal/kg	6237 Kcal/Kg	
Calculation	Total volatiles (%)=100× (M ₁ -M ₂) / (M ₁ -M ₀)		Low calorific value Kcal/kg	6195 Kcal/Kg	
Average	5.84%				
Noted:The above data is for reference only			Test person:	Check:	