BESTON GROUP CO., LTD
9 FLOOR, 6 BUILDING, E-COMMERCIAL PORT OF CENTER,
ZHENGZHOU CITY, CHINA
TEL: 0086-371-55181866 WEB: www.bestongroup.com

Test report of biochar

Date: 2026.03.06

Sample information					
Sample name	椰壳炭		Sample weight		

Test elements

Test Ash

Test process		
Number of test	1	2
Crucible number	A	B
Crucible mass M_0 (g)	17.3611g	16.8758g
Sample and crucible mass M_1 (g)	18.3615g	17.8754g
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 Moisture

Test process					
Number of test	1	2			
Sample mass	3.505g	3.405g			
Moisture(%)	1.68%	1.64%			
Average	1.66%				

Test volatiles

Test process		
Number of test	1	2
Crucible number	A	B
Crucible mass M_0 (g)	23.7681g	24.9896g
Sample and crucible mass M_1 (g)	24.7684g	25.9896g
Sample mass (g) M_1-M_0	1.0003g	1g
The mass of the crucible and the total volatiles M2 (g)	24.7008g	25.9216g
Total volatiles mass N (g)M_1-M_2	0.0676g	0.068g
Total Volatiles (%)	6.8%	6.8%
Calculation	Total volatiles (%)=100× (M_1-M_2) / (M_1-M_0)	
Average	6.78%	

Test fixed carbon

Test summary	
Moisture Mt%	1.66%
Analysis moisture Mad%	0.17%
Ash Aad%	3.39%
Volatiles Vad%	6.78%
SulfurSt.d%	
Fixed carbon Fcad%	89.67%
Coke 1-8 CRC	1
High calorific value Kcal/kg	8129 Kcal/Kg
Low calorific value Kcal/kg	7987 Kcal/Kg

Noted:The above data is for reference only	Test person:	Check: