

Report No.: TJE26-J00331B

Job No.: MNE262424TJ_01

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TESTING REPORT

Principal Name: BESTON GROUP CO.,LTD
Principal Address: NO.99,Daxue Road,Zhengzhou,China
Declared Sample Name: Municipal sludge biochar
Sample Received Date: 2026-07-13
Sample Testing Period: 2026-07-13 ~ 2026-07-16
Declared Sample Number: /
Sample Condition on Receipt: Granule (2.19kg)

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MNE262424TJ_01

Verification:
check.sgsonline.com.cn

In accordance with instructions received from applicant, we prepared and carried out required test on the sample. The analysis results reported as follows:

Test Items	Base	Symbol	Unit	Result	Method/Standard No.
				/	
Total Moisture	ar	M_t	%	<0.1	Refer to GB/T 211-2017
Ash	d	A	%	78.27	Refer to GB/T 212-2008
Volatile Matter	d	V	%	11.51	Refer to GB/T 212-2008
Fixed Carbon	d	FC	%	10.22	Refer to GB/T 212-2008
Gross Calorific Value	d	$Q_{gr,v}$	MJ/kg	6.15	Refer to GB/T 213-2008
Net Calorific Value	ar	$Q_{net,v}$	MJ/kg	6.05	Refer to GB/T 213-2008
Iodine Number	/	E	mg/g	166	Refer to GB/T 7702.7-2023

*****To be continued*****



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Remark:

1. Sample [I] : Qv.net.ar:1,447kcal/kg.

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SGS-CSTC Standards Technical Services(TianJin) Co.,Ltd.

Gary Wong

Authorized Signature

2026-07-16

*****The End*****



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.
Minerals Service

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