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Influence of moisture content on cattle manure char properties and its potential for hydrogen rich gas production

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Highlights

- The effect of moisture content on cattle manure carbonization was investigated.
- Moisture content mainly affect the yield of gas and liquid.
- Gasification of cattle manure char can enhance the reduction of tar in the product gas.
- Hydrogen concentration from manure char was 59.22%, higher than that of cattle manure.

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