



Request EIE. No. 214/64

SF.Lab No. 884-06/64

## REPORT ON TESTING AND ANALYSIS

For

MALAI CHARCOAL CO., LTD.

Testing / analysis of Medium-sized mangrove charcoal

Method of testing / analysis ASTM D 7582, D 4239 and D 5865

Result of testing / analysis :

Properties	As received basis	Moisture free basis
Moisture, %	5.3	-
Volatile matter, %	30.6	32.3
Fixed carbon, %	62.4	65.9
Ash, %	1.7	1.8
High heating value, kcal/kg	6,850	7,240
Sulfur, %	0.0	0.0

Tested / analysed by

1. P.W.
2. Piyaman Srisiri

Approved by



(Mr. Chalermpchai Jeerapan)

Director of Expert

Centre of Innovative Clean Energy and Environment

Examined by

B. Chant.

(Dr. Borisut Chantarawongphisal)

Date June 22, 2021

The above results are valid exclusively for tested / analysed samples as mentioned in this report

Publicity of results on testing / analysis is prohibited unless written permission is obtained from the governor of TISTR