



Customer name : Plaichon Nature Charcoal Co., Ltd.

Address : 100/71 Soi Chaeng Watthana 10 yek 9-1, Thungsonghong, Laksi Bangkok 10210

Tel : 063-1428265 e-mail : lanmun.nok@gmail.com

Products : Charcoal powder

Purpose of Analysis : Salmonella, Coliform & *E.coli*

Analytical method : BAM 2002 ISO 6579:2002

Analysed by : Mrs.Asanee Vichitraka

## Report of microbial analysis

Charcoal powder

Test item	Test method	result	Unit
Salmonella	ISO-AOAC 6579:2002	Not detected	Cfu/25 g
Coliform & <i>E.coli</i>	FDA-BAM 2002	<3	MPN/g

ISO6579:2002/Cor.1:2004.Microbiology of food and animal feeding stuffs-Horizontal method for the detection of *Salmonella* spp.

Bacteriological Analytical Manual Chapter 4 Enumeration of *Escherichia coli* and the Coliform Bacteria <https://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm064948.htm>

*Naphatrapi, L.*

(Asst.Dr.Naphatrapi Luangsakul)

HEAD OF FOOD INDUSTRY RESEARCH AND DEVELOPMENT CENTER  
REPORTER



## TEST REPORT

Sample's name

Activated charcoal  
from cassava stump

Mark / Brand

Laboratory No.

L60/02563.1

### Test Result

		Limit of detection
1. Arsenic (As), mg/kg	0.16	-
2. Antimony (Sb), mg/kg	not detected	0.50
3. Selenium (Se), mg/kg	not detected	0.50
4. Chromium (Cr), mg/kg	not detected	0.50
5. Nickel (Ni), mg/kg	not detected	0.50
6. Cadmium (Cd), mg/kg	not detected	0.10
7. Lead (Pb), mg/kg	not detected	0.10
8. Mercury (Hg), mg/kg	not detected	0.01

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Customer's address 100/71 Soi Chaeng Watthana 10 Yek 9-1, Thung Song Hong, Lak Si,  
Bangkok 10210

Sample's description Black powder

Test date 15 May - 7 June 2017

Test method 1. The items 1 - 7 were determined by inductively coupled plasma  
mass spectrometer

2. The item 8 was determined by mercury analyzer

Approved by

(Sgd.) Miss Wandee Luesaiwong

(Miss Miss Wandee Luesaiwong)

Scientist, Senior Professional Level

Reported by

(Sgd.) Weera Suanthaisong

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Scientist, Professional Level

Certified True Translation

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Chief, Registration Sub-Division

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