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TEST REPORT

Report No. CTS 1513128

Report to :

Best Life Health Services (Pvt) Ltd.

343, Horana Road

Alubomulla

Panadura

Herbal Technology Section

2015.09.22

Wenah
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CHANGE OF CONDITIONS: ITI may at its sole discretion add to or amend the conditions of this report at the time of issue of the report and such additions or amendments shall be binding on the customer.



Test Report on Analysis of *Moringa* Powder

Report No: CTS 1513128

Name & Address of the customer : Best Life Health Services (Pvt) Ltd.
343, Horana Road
Alubomulla
Panadura

Specimen : Powder
Description -
Appearance - Powder
Colour - Green
Container - Sealed polythene bag
(approx. 35 g)
Label -
"Moringa powder"

Date of receipt : 2015.08.20

Test requested : Test for moisture content, pH value, microbiological limits and heavy metal analysis as per customer's letter received on 2015.08.19.

Test method : (i) Moisture content
Oven method at 105 °C
(ii) pH value (5% powder in distilled water)
Using pH meter
(iii) Microbiological limits
Aerobic plate count, CFU/g -
SLS 516/1, Section 1-2013 (ISO 4833-1 : 2013)
Yeast & Moulds count, CFU/g -
SLS 516/2, Section 2-2013 (ISO 21527-2 : 2008)
Coliform count, (Confirmed MPN)/g -
SLS 516/3, Section 1-2013 (ISO 4831 : 2006)
Presumptive *E. coli* count, MPN/g -
SLS 516/12 : 2013 (ISO 7251 : 2005)
Staphylococcus aureus/g -
CML/MM/01/02/004



- (iv) Heavy metals
Lead (Pb) - According to GTA
Cadmium (Cd)- According to GTA
Mercury (Hg) - According to VGA
Arsenic (As) - According to VGA

Test dates : 2015.09.02 - 2015.09.17

Results :

- (i) Moisture content - 11.7%, w/w
(ii) pH value - 5.5 (at 27 °C)

(iii) Microbiological Limits


- Aerobic plate count, CFU/g - 1.6×10^5
Yeast & Moulds count, CFU/g - 4.6×10^3
Coliform count, (Confirmed MPN)/g - > 110
Presumptive *E.coli* count, MPN/g - Not detected
Staphylococcus aureus/g - < 100

(iv) Heavy metals

- Lead (Pb) - 0.75 mg/kg
Cadmium (Cd) - Not detected
Mercury (Hg) - 0.05
Arsenic (As) - Not detected

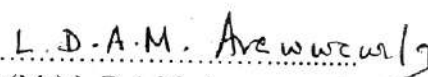
*Minimum detectable levels of Cd and As are 0.05 and 0.10 mg/kg respectively.

Tests for Heavy metals and Microbiological limits were subcontracted to Chemical & Microbiological Laboratory of ITI.


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Ms. W. A. D. D. Wasalamuni
Research scientist
Herbal Technology Section

2015.09.22
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Senior Research Scientist
Herbal Technology Section
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The report is limited specifically to the specimen/s submitted.