



INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

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TEST REPORT

Report No. SS 2401218

Report to:

**Ms. Anushka Wickramatunge
25 A, Gnanarathne Mawatha
Pepiliyana**

Issued by:

**Herbal Technology Section
Industrial Technology Institute**

2024.02.29

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Report No. SS 2401218

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Test Report on Organic Ceylon Cinnamon Sticks

Report No. SS 2401218

Name & Address of the customer : Ms. Anushka Wickramatunge
25 A, Gnanarathne Mawatha
Pepiliyana

Specimen : Organic Ceylon Cinnamon Sticks
Description -
Appearance - Quills
Colour - Light brown
Container - Sealed aluminium bag
(Approx. 85 g)
Label -

**“100% Organic Ceylon Cinnamon Sticks
Cinnamon Vogue
Batch No - GS339
Best Before - 01/17/2028”**

Date of receipt : 2024.01.30

Test requested : Tests for moisture content, volatile oil content, total ash, acid insoluble ash, coumarin content, extraneous matter and sulphur content as per customer's letter dated on 2024.01.26.

Test method :

- (i) Moisture content
- (ii) Volatile oil content
- (iii) Total ash
- (iv) Acid insoluble ash
Test No. (i) – (iv)
According to SLS 81 : 2021.
- (v) Coumarin content
High Performance Liquid Chromatography -
(Inhouse developed method)
- (vi) Extraneous matter
As per WHO guidelines 2011
- (vii) Sulphur content
As per ISO 5522 : 1981 Part (E)



... Continuation Sheet


Report No. SS 2401218

Test dates : 2024.02.09 - 2024.03.01

Results :

- | | | | |
|-------|----------------------|---|---|
| (i) | Moisture content | - | 15.0%, v/w |
| (ii) | Volatile oil content | - | 2.0%, v/w |
| (iii) | Total ash | - | 4.8%, w/w |
| (iv) | Acid insoluble ash | - | 0.1%, w/w |
| (v) | Coumarin content | - | Not detected
*(Limit of detection - 1 ppm) |
| (vi) | Extraneous matter | - | Not detected |
| (vii) | Sulphur content | - | Not detected
*(Limit of detection - 1 ppm) |

Test for sulphur content was subcontracted to Chemical & Microbiological Laboratory of ITI.


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Mr. U.K.A. Samarasinghe
Research Technologist
Herbal Technology Section

2024.02.29
/gk


.....
Authorized Signatory

Dr. (Mrs) S. Chelvendran
Principal Research Scientist
Herbal Technology Section
Industrial Technology Institute

The report is limited specifically to the specimen/s submitted.

Page 04 of 04 pages



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TEST REPORT

Reference No: SS 2403888

Report to:

Ms. Anushka Wikramatunge

No. 25 A,

Gnanarathne Mawatha,

Pepiliyana.

Issued by:

Residue Analysis Laboratory

Industrial Technology Institute

2024/03/28

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... Continuation Sheet

TEST REPORT

Reference No. SS 2403888

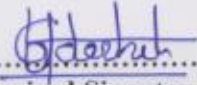
CUSTOMER : Ms. Anushka Wikramatunge No. 25 A, Gnanarathne Mawatha, Pepiliyana	Test Item: Cinnamon sticks Service Requested : Analysis for parameters as requested by the customer's request dated 2024 /03/07.
Description: Approximately 85 g x 02 of cinnamon stick packs contained in sealed laminated alu-foil bags.	Identification of Test Item: Label: Labels given in the Annexure. The sample was submitted by the customer. Date of Receipt of Test Item : 2024/03/07
Test Dates : 2024/03/15 – 2024/03/28	

TEST RESULTS:

Test/unit	Method	Results	Limit of Determination
Arsenic (as As), mg/kg	Microwave Digestion/ Detection by ICP-MS	Not Detected	0.05
Cadmium (as Cd), mg/kg		0.05	-
Lead (as Pb), mg/kg		0.29	-
Mercury (as Hg), mg/kg		Not Detected	0.05

ICP – MS – Inductively Coupled Plasma Mass Spectrometry

Analysis was carried out by Ms. R. Krishiga – Assistant Research Technologist.

 2024/03/28
.....
Authorized Signatory
2024/03/28
N.A.

G.U. Chandrasiri
B.Sc. (Chem. Sp. Hons), GIC (I.Chem)
Research Scientist
Industrial Technology Institute



... Continuation Sheet

Annexure: