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TEST REPORT

Report No. SS 2111617

Report to:

Ms. Anushka Wickramatunge
25 A, Gnanarathne Mawatha
Pepiliyana

Issued by:

Herbal Technology Section
Industrial Technology Institute

2021.11.08

Page 01 of 04 pages

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Report No. SS 2111617

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Page 02 of 04 pages



Test Report on Organic Ceylon Cinnamon Sticks

Report No. SS 2111617

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

Specimen : Organic Ceylon Cinnamon Sticks
Description -
Appearance - Sticks
Colour - Yellowish brown
Container - Sealed polythene bag
(Approx. 85 g x 3)
Label -

**"100% ORGANIC CEYLON CINNAMON STICKS
BEST BEFORE - 09/09/2024
BATCH - AR212"**

Date of receipt : 2021.09.29

Test requested : Tests for moisture content, volatile oil content, total ash, acid insoluble ash, extraneous matter, coumarin content and sulphur content as per customer's letter received on 2021.09.24.

Test method : (i) Moisture content
(ii) Volatile oil content
(iii) Total ash
(iv) Acid insoluble ash
Test No. (i) – (iv)
According to SLS 81 : 2010.
(v) Extraneous matter
According to SLS 186, Part II : 2008
(vi) Coumarin content
High Performance Liquid Chromatography -
(Inhouse developed method)
(vii) Sulphur content
As per ISO 5522 : 1981 (E)



... Continuation Sheet

Report No. SS 2111617

Test dates : 2021.10.12 - 2021.11.02

Results :

- (i) Moisture content - 14.7%, v/w
- (ii) Volatile oil content - 1.7%, v/w
- (iii) Total ash - 3.6%, w/w
- (iv) Acid insoluble ash - 0.12%, w/w
- (v) Extraneous matter - Not detected
- (vi) Coumarin content - 0.0016%, w/w

*(Minimum detectable level - 0.0004%, w/w)

- (vii) Sulphur content - Not detected

*(Minimum detectable level is 1 mg/kg)

Analysis was carried out by Ms. D.L.S.M. Jayaratne & Ms. K.A.M.S. Kumarapeli, Assistant Research Technologists.

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

.....
Mr. H.D. Weeratunge
Senior Research Scientist
Herbal Technology Section

2021.11.08
/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 2114058

Report to:

Ms. Anushka Wickramatunge

No. 25 A,

Gnanarathne Mawatha,

Pepiliyana.

Issued by:

Residue Analysis Laboratory

Industrial Technology Institute

2021/12/06

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... Continuation Sheet

TEST REPORT Reference No. SS 2114058

<u>CUSTOMER :</u> Ms. Anushka Wickramatunge No. 25 A, Gnanarathne Mawatha, Pepiliyana.	<u>Test Item:</u> Cinnamon sticks <u>Service Requested :</u> Analysis for parameters as requested by the customer's request dated 2021/11/09.
<u>Description:</u> Approximately 85 g of cinnamon sticks packed in sealed printed triple laminated cover.	<u>Identification of Test Item:</u> <u>Label:</u> 100% Organic Ceylon cinnamon sticks, premium quality, 3 inch cinnamon sticks. Ultra low coumarin, USDA organic, cinnamon vogue, Net Content 3.02 (85 g) Best before 09/09/2024 Batch AR 212 <u>Date of Receipt of Test Item :</u> 2021/11/09
Test Dates : 2021/11/26 – 2021/12/05	

TEST RESULTS:

Test/unit	Method	Results	Limit of Determination
Arsenic (as As), mg/kg	Microwave Digestion / Detection by ICP-MS	0.05	-
Cadmium (as Cd), mg/kg		0.06	-
Lead (as Pb), mg/kg		0.40	-
Mercury (as Hg), mg/kg		Not Detected	0.05

ICP – MS – Inductively Coupled Plasma Mass Spectrometry

Analysis was carried out by Mr. H. A. A. Perera – Senior Research Technologist.

.....
Authorized Signatory
2021/12/06
N.A.

M. N. A. Mubarak
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