

INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

P.O. Box, 787, 363, Bauddhaloka Mawatha, Colombo 7, Sri Lanka. Telephone: +94 11 2379800 Fax: +94 11 2379850 120/4A, Vidya Mawatha, Colombo 7, Sri Lanka. Telephone: +94 11 2379800 Fax: +94 11 2379950 503/A, Halbarawa Gardens, Thalahena, Malambe, Sri Lanka. Telephone: +94 11 2797300 Fax: +94 11 2379848

TEST REPORT

Report No. SS 2300224

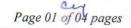
Report to:

Ms. Anushka Wickramatunge 25 A, Gnanarathne Mawatha Pepiliyana

Issued by:

Herbal Technology Section Industrial Technology Institute

2023.01.05



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Test Report on Organic Ceylon Cinnamon Powder

Report No. SS 2300224

Name & Address of the customer:

Ms. Anushka Wickramatunge

25 A, Gnanarathne Mawatha

Pepiliyana

Specimen

Organic Ceylon Cinnamon Powder

Description -

Appearance - Powder Colour - Brown

Container -

- Sealed polythene bag

(Approx. 170 g x 2)

Label

:

"100% Organic Ceylon Cinnamon Powder

Cinnamon Vogue Batch No - 211

Best Before - 12.06.2025"

Date of receipt

: 2022.12.09

:

:

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 2022.12.06.

Test method

- (i) Moisture content
- (ii) Volatile oil content
- (iii) Total ash
- (iv) Acid insoluble ash <u>Test No. (i) – (iv)</u>

According to SLS 81: 2021.

(v) <u>Extraneous matter</u>

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 Part (E)



... Continuation Sheet

Report No. SS 2300224

Test dates

2022.12.19 - 2023.01.04

Results

:

(i) Moisture content

7.3%, v/w

(ii) Volatile oil content

1.3%, v/w

(iii) Total ash

6.2%, w/w

(iv) Acid insoluble ash

0.4%, w/w

(v) Extraneous matter

Not observed

(vi) Coumarin content

0.003%, w/w

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

(vii) Sulphur content

9.3 mg/kg

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

Mr. U.K.A. Samarasinghe

Research Technologist
Herbal Technology Section

2023.01.05

/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.

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Telephone: +94 11 2379800 Fax: +94 11 2379850 120/4A, Vidya Mawatha, Colombo 7, Sri Lanka. Telephone: +94 11 2379800 Fax: +94 11 2379950

503/A, Halbarawa Gardens, Thalahena, Malambe, Sri Lanka.

Telephone: +94 11 2797300 Fax: +94 11 2379848

REPORT ON TESTING OF PERCENTAGE PASS THROUGH OF CINNAMON POWDER SAMPLE REPORT NO: CTS 2215307

REPORT TO: ANUSHKA WIKRAMATUNGE 25A, GNANARATHNE MAWATHA PAPILIYANA

ISSUED BY:
FOOD TECHNOLOGY SECTION
INDUSTRIAL TECHNOLOGY INSTITUTE

DECEMBER 14, 2022

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... Continuation Sheet

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REPORT ON TESTING OF PERCENTAGE PASS THROUGH OF CINNAMON POWDER SAMPLE REPORT NO : CTS 2215307

1. Client

Anushka Wikramatunge

25A, Gnanarathne Mawata

Papiliyana

2. Client Request:

Client requested to analyze the pass through percentage of the provided cinnamon powder sample from 100 mesh (150 micron) standard sieve, in the request dated 2022.12.06.

3. Date of payment:

2022.12.06

4. Sample Description:

A cinnamon powder sample (approximately 170 g) in a sealed polythene pack was submitted by the client to ITI on 2022.12.06. The sample was labelled as Ceylon Cinnamon Powder, Cinnamon Vogue and the batch number was No:211. The best before date was 06.12.2025.

5. Methodology:

Test was conducted using the sieve shaker apparatus (W.S. Tyler Corporation, Model: RO-TAP, Type: AX-29-10) equipped with 100 mesh (150 microns) standard sieve. Twenty five grams of test sample was used in the test and the shaking operation with simultaneous tapping was continued until constant weight is obtained. Pass through percentage of the cinnamon powder sample was calculated as an average of three test results.

6. Result:

Percentage of pass through from sieve is given in Table 01.

Table 01: Test results of percentage of pass through of cinnamon powder

Sieve Size	% of Pass through
100 mesh number (150 microns)	90.2 ± 0.31

7. Comment:

The pass through of the provided cinnamon sample from 100 mesh (150 micron) standard sieve is 90,2%.

Mr. P. N. R. J. Amunugoda, PhD

Director

Food Technology Section

vn/ 2022.12.14 Ms. D.A.V. Nilukshi Research Scientist

Food Technology Section

P. Neville R. J. Amunugoda, PhD
B Sc (Agric) Hons
Director
Food Technology Section
Industrial Technology Institute

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