



# INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

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## TEST REPORT

Report No. SS 2004673

Report to:

Ms. Anushka Wickramatunge  
25 A, Gnanarathne Mawatha  
Pepiliyana

Issued by:

Herbal Technology Section  
Industrial Technology Institute

2020.06.16

This report supersedes the test report bearing the same reference SS 2004673 issued on 2020.06.12.

THE REPORT IS ISSUED SUBJECT TO CONDITIONS MENTIONED OVERLEAF <sup>cey</sup> Page 01 of 04 pages

"PLEASE ADDRESS ALL COVERS TO THE DIRECTOR GENERAL"



**The Report is issued under the following conditions:**

**Report No. SS 2004673**

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**TEST/CALIBRATION METHODS:** In the absence of a specific request from the customer, ITI will adopt any appropriate national/international standard method for conducting the test/calibration. In the absence/non accessibility of standard methods, ITI may adopt any other relevant published test/calibration method or follow a method developed at ITI.

**TEST/CALIBRATION REPORT:** 1. The report is issued for the information of the customer and shall not be reproduced in total or in part without the prior written authority of the Director General, ITI. Any person or any party who alters or adds or deletes or interpolates any provisions or words or letters or figures shall be liable to legal action. 2. The report is not a Certificate of Quality. It only applies to the item of the specific product/equipment tested/calibrated or to the consignment/lot/batch from which a representative sample has been drawn by ITI. The results shall not be used to indicate or imply that they are applicable to other similar items. In addition such results must not be used to indicate or imply that ITI approves, recommends or endorses the manufacturer, supplier or user of such product/equipment or that ITI in any way guarantees the later performance of the product/equipment. 3. The report furnished by ITI shall not be used in any advertising or sales promotion without the prior written authority of the Director General ITI. 4. The report is limited specifically to the item/s submitted unless otherwise mentioned. 5. Conformities to a standard specifications may be mentioned as required by standard specification on request by the customer. 6. The ITI will not offer any opinion/advise or recommendation with respect to the suitability or otherwise of the item for any application or use. Interpretation of results and professional opinion and recommendations if required should be requested by customer and will be provided for an additional fee paid for by customer. 7. Under no circumstances does the ITI accept any liability or loss or damage caused by misuse of the ITI report. Liability is limited to the fee charged in case of proven negligence by the ITI.

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**QUERIES ON REPORT:** Customer queries on reports will be entertained only up to a period of 01 year from the date of issue of the report.

**RETENTION OF TEST ITEMS:** Perishable items will be destroyed immediately after testing, other items after 01 month from the date of issue of the report.

**RETURN OF TEST ITEMS:** Test items will be returned to the customer at the sole discretion of the ITI only on a written request by the customer.

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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 Cinnamon Powder**

**Report No. SS 2004673**

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

**Specimen :** Cinnamon powder  
Description -  
Appearance - Powder  
Colour - Brown  
Container - Sealed aluminium coated bag  
(approx. 170 g)  
Label -

**"100% ORGANIC  
CEYLON CINNAMON POWDER  
B. No. - 208, B. BEFORE 04/27/2023  
NET CONTENT 602 (170g)"**

**Date of receipt :** 2020.05.19

**Test requested :** Tests for moisture content, volatile oil content, total ash, acid insoluble ash, extraneous matter, coumarin content, sulphur content and fineness test as per customer's letter dated on 2020.05.18.

**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 by Microscopic analysis  
As per WHO guidelines on quality control of medicinal plant materials
- (vi) Coumarin content  
HPLC method.
- (vii) Sulphur content  
As per ISO 5522 : 1981 (E)
- (viii) Fineness  
According to SLS 186, Part 12 : 2008

This report supersedes the test report bearing the same reference SS 2004673 issued on 2020.06.12.



Report No. SS 2004673

Test dates : 2020.05.26 - 2020.06.02


Results :

- (i) Moisture content - 8.3%, v/w
- (ii) Volatile oil content - 0.8%, v/w
- (iii) Total ash - 7.6%, w/w
- (iv) Acid insoluble ash - 0.06%, w/w
- (v) Extraneous matter - < 0.1%

Under microscopic analysis, the presence of group of sclereids, short thick walled fibres, prismatic crystals of Calcium oxalate, simple and compound starch grains and few drops of volatile oil scattered in the powder is similar to the genuine ceylon cinnamon powder and there is no extraneous matter in this sample.

- (vi) Coumarin content - 0.046%, w/w  
\*(Minimum detectable level - 0.0002%, w/w)
- (vii) Sulphur content - Not detected  
\*(Minimum detectable level is 1 ppm)
- (viii) Fineness - 67.5%, pass through the 106  $\mu$ m sieve

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

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

2020.06.16  
/lg

  
.....  
**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.**

This report supersedes the test report bearing the same reference SS 2004673 issued on 2020.06.12.



# CERTIFICATE OF ANALYSIS

Customer: Cinnamon Vogue, Inc.  
2780 S. Jones Blvd #3687  
Ste 200  
Las Vegas, NV 89146

Customer PO: SORA-001

Sample Condition: GOOD  
Received Temperature: AMBIENT

Sample: Cinnamon Powder

Lot No.: BATCH 208

Reference No.: 24186814

Replaces:

Completion Date: 6/11/2020

Page: 1 of 3

Sales Order No: 109172

Storage Conditions: AMBIENT  
Disposal Instructions: KEEP FOR 30 DAYS

Method Validation is not conducted for every sample matrix

Test Description	Methodology	Specification	Result	Notebook
<u>Analytical</u>				
Arsenic ICP-MS	GM0224	Actual	0.07 ppm	10427 008
Cadmium ICP-MS	GM0224	Actual	0.29 ppm	10427 008
Lead (Pb) ICP-MS	GM0224	Actual	0.37 ppm	10427 008
Mercury ICP-MS	GM0224	Actual	0.01 ppm	10427 008
<u>Pesticide</u>				
Acephate	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Alachlor	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Aldrin and dieldrin (sum of)	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Azinphos-ethyl	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Azinphos-methyl	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Bromophos-ethyl	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Bromophos-methyl	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Bromopropylate	GM0166 (USP)	NMT 3 ppm	< 3 ppm	10420 092
Chlordane (sum)	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Chlorfenvinphos	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092
Chlorpyrifos-ethyl	GM0166 (USP)	NMT 0.2 ppm	< 0.2 ppm	10420 092
Chlorpyrifos-methyl	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Chlorthal-dimethyl	GM0166 (USP)	NMT 0.01 ppm	< 0.01 ppm	10420 092
Cyfluthrin (sum)	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
lambda-Cyhalothrin	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Cypermethrin and isomers (sum)	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
DDT (sum)	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Deltamethrin	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092
Diazinon	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092
Dichlofluanid	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Dichlorvos	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Dicofol	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092
Dimethoate and omethoate (sum)	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Dithiocarbamates (expressed as	GM0166 (USP)	NMT 2 ppm	< 2 ppm	10420 092
Endosulfan (sum)	GM0166 (USP)	NMT 3 ppm	< 3 ppm	10420 092
Endrin	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Ethion	GM0166 (USP)	NMT 2 ppm	< 2 ppm	10420 092
Etrinfos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Fenchlorophos (sum)	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Fenitrothion	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092

Authorized SORA Reviewer:

  
Bob Williams  
Lab Manager

Testing results are representative of sample submitted using a simple decision rule.  
Uncertainty Budgets available upon request for ISO 17025:2017 Scoped testing items.

15366 US Hwy 160 Forsyth, Mo 65653 - Tel: 877-645-8767 - Fax: 417-546-2398 - www.soralabs.com  
Microbiology testing facility: 10203 E Hwy 76 Forsyth, Missouri USA 65653

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Received Temperature: AMBIENT

Sample: Cinnamon Powder

Lot No.: BATCH 208

Reference No.: 24186814

Replaces:

Completion Date: 6/11/2020

Page: 2 of 3

Sales Order No: 109172

Storage Conditions: AMBIENT  
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Test Description	Methodology	Specification	Result	Notebook
<u>Pesticide</u>				
Fenpropathrin	GM0166 (USP)	NMT 0.03 ppm	< 0.03 ppm	10420 092
Fensulfothion (sum)	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Fenthion (sum)	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Fenvalerate	GM0166 (USP)	NMT 1.5 ppm	< 1.5 ppm	10420 092
Flucythrinate	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Fluvalinate	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Fonophos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Heptachlor (sum)	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Hexachlorobenzene	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Hexachlorocyclohexane (sum of	GM0166 (USP)	NMT 0.3 ppm	< 0.3 ppm	10420 092
Lindane (Hexachlorocyclohexane	GM0166 (USP)	NMT 0.6 ppm	< 0.6 ppm	10420 092
Malathion and malaoxon (sum)	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Mecarbam	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Methacriphos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Methamidophos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Methodathion	GM0166 (USP)	NMT 0.2 ppm	< 0.2 ppm	10420 092
Methoxychlor	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Mirex	GM0166 (USP)	NMT 0.01 ppm	< 0.01 ppm	10420 092
Monocrotophos	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Parathion-ethyl and Paraaxon-e	GM0166 (USP)	NMT 0.5 ppm	< 0.5 ppm	10420 092
Parathion-methyl and Paraaxon-	GM0166 (USP)	NMT 0.2 ppm	< 0.2 ppm	10420 092
Pendimethalin	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Pentachloranisol	GM0166 (USP)	NMT 0.01 ppm	< 0.01 ppm	10420 092
Permethrin and isomers	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
Phosalone	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Phosmet	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Piperonyl Butoxide	GM0166 (USP)	NMT 3 ppm	< 3 ppm	10420 092
Pirimiphos-ethyl	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Pirimiphos-methyl (sum)	GM0166 (USP)	NMT 4 ppm	< 4 ppm	10420 092
Procymidone	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Profenophos	GM0166 (USP)	NMT 0.1 ppm	< 0.10 ppm	10420 092
Prothiophos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Pyrethrum (sum)	GM0166 (USP)	NMT 3 ppm	< 3 ppm	10420 092
Quinalphos	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Quintozene (sum)	GM0166 (USP)	NMT 1 ppm	< 1 ppm	10420 092
S-421	GM0166 (USP)	NMT 0.02 ppm	< 0.02 ppm	10420 092
Tecnazene	GM0166 (USP)	NMT 0.05 ppm	< 0.05 ppm	10420 092
Tetradifon	GM0166 (USP)	NMT 0.3 ppm	< 0.3 ppm	10420 092

Authorized SORA Reviewer:

  
Bob Williams  
Lab Manager

Testing results are representative of sample submitted using a simple decision rule.  
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<u>Pesticide</u>					
Vinclozolin	GM0166 (USP)	NMT 0.4 ppm	< 0.4 ppm	10420	092
Bromides	GM0166 (USP)	NMT 125 ppm	<125 ppm	10420	092

Authorized SORA Reviewer:

  
Bob Williams  
Lab Manager

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