NEW MANDATORY STANDARDS FOR CINNAMON

AND

EXPORT QUALITY CERTIFICATION SCHEME OF SRI LANKA STANDARDS INSTITUTION

Sujeewa Mahagama
Deputy Director
Sri Lanka Standards Institution
Role of Sri Lanka Standards Institution (SLSI)

“FACILITATION FOR QUALITY”
FACILITATION INCLUDES

☐ Standard Preparation
☐ Product Certification
☐ System certification
☐ Training
☐ Import Quality Certification
☐ Export Quality Certification
☐ Laboratory services – **Spice Lab**
☐ National Quality Award
Relevant Sri Lanka Standards

- **SLS 81:2010**
  Sri Lanka Standard Specification for Ceylon Cinnamon

- **SLS 1327:2008**
  Code of Hygienic Practice for Spices & Other Dried Aromatic Plants

- **SLS 143:1999**
  Code of Practice for General Principles of Food Hygiene
SLS 81 : 2010
SRI LANKA STANDARD
SPECIFICATION FOR CEYLON CINNAMON
(FOURTH REVISION)
### Grading of Cinnamon based on:

- The diameter of quills,
- The number of quills per kilogram and
- The extent of foxing (Determined by visual examination)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Diameter of quills, mm, max.</th>
<th>Number of whole quills ((1050 \pm 50 \text{ mm}), \text{ per kg, min.})</th>
<th>Extent of foxing, per cent, max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alba</td>
<td>6</td>
<td>45</td>
<td>10</td>
</tr>
<tr>
<td>C5 (Extra special)</td>
<td>8</td>
<td>33</td>
<td>10</td>
</tr>
<tr>
<td>C5 (special)</td>
<td>10</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>C5</td>
<td>12</td>
<td>27</td>
<td>15</td>
</tr>
<tr>
<td>C4</td>
<td>16</td>
<td>22</td>
<td>15</td>
</tr>
<tr>
<td>C3</td>
<td>18</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>M5 (special)</td>
<td>16</td>
<td>22</td>
<td>60</td>
</tr>
<tr>
<td>M5</td>
<td>18</td>
<td>20</td>
<td>60</td>
</tr>
<tr>
<td>M4</td>
<td>21</td>
<td>15</td>
<td>60</td>
</tr>
<tr>
<td>H1</td>
<td>23</td>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>H2 (Special)</td>
<td>25</td>
<td>9</td>
<td>40</td>
</tr>
<tr>
<td>H2</td>
<td>32</td>
<td>7</td>
<td>55</td>
</tr>
<tr>
<td>H3</td>
<td>38</td>
<td>6</td>
<td>65</td>
</tr>
</tbody>
</table>
SLS 81:2010 : Requirements

- Hygiene
  Products shall be
  Cultivated,
  Harvested,
  Processed,
  Packaged,
  Stored &
  Transported (Shipped)
  under hygienic conditions as prescribed in
  SLS 143 & SLS 1327.
REQUIREMENTS

Appearance
  Light brown to brown in colour

Free from moulds, insects, etc.
  Free from mould growth, living insects, dead insects, insect fragments, rodent contamination

Odour and flavour
  Characteristic Ceylon Cinnamon odour and flavour

Contaminants
  Pesticide residues
  Other contaminants
## Chemical requirements

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture content, per cent by mass (max.)</td>
<td>15.0</td>
</tr>
<tr>
<td><strong>Total ash</strong>, per cent by mass, on dry basis (max.)</td>
<td>5.0</td>
</tr>
<tr>
<td><strong>Acid-insoluble ash</strong>, per cent by mass, on dry basis (max.)</td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Volatile oils</strong>, ml/100 g, on dry basis (min.)</td>
<td>1.0</td>
</tr>
</tbody>
</table>
MARKING AND /OR LABELLING

- The following information shall be marked on packages intended for export:
  
a) Name of the product;
b) Commercial grade and / or Type;
c) Net weight and gross weight;
d) The words: "Ceylon Cinnamon"
   "Cinnamomum zeylanicum Blume"
   "Produce of Sri Lanka"
  
e) Markings to identify the exporter;
f) Serial number of the package in the consignment;
g) Destination; and
h) Any other information requested by the buyer /importing country.
SLS 1327: Code of hygienic practice for spices and other dried aromatic plants

- Primary production
- Design & facilities of establishment
- Hygienic requirements of establishment
- Hygienic processing requirements
- Personnel hygiene & health requirements
- Product information & documentation
Export Quality Certification Scheme

☐ Aim of the scheme : OBJECTIVES

☐ Extra Ordinary Gazette Notification No. 1813/15 dated 2013-06-05

☐ Effective date: 2014-01-01

☐ Graze Period : 2014-03-31
Conformity Certificate?

- Exporter shall furnish conformity certificate with SLS 81:2010

- Laboratory/related institution is responsible to carry out the inspection, drawing samples & testing under the guidance of SLSI.

- SLSI is responsible to issue Conformity Certificates
Any Exemptions ???

☐ Based on nature of product
✓ Crushed Cinnamon
✓ Ground Cinnamon
✓ Organic Cinnamon ?????

☐ Based on quantity : 25kg
GMP Certification

ISO 22000 FSMS Certification

HACCP Certification
FURTHER CLARIFICATIONS

Contact Details:
Sujeewa Mahagama
Deputy Director
Quality Assurance Division,
Sri Lanka Standards Institution,
17, Victoria Place, Elvitigala Mawatha,
Colombo 08.

Tel: 0112 671567 -72  Fax: 0115 354320

Email: mahagama@slsi.lk
Thank You